

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): September 16, 2022 (September 12, 2022)

Alnylam Pharmaceuticals, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-36407
(Commission
File Number)

77-0602661
(IRS Employer
Identification No.)

**675 West Kendall Street
Henri A. Termeer Square
Cambridge, MA 02142**
(Address of principal executive offices, including zip code)

(617) 551-8200
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.01 par value per share	ALNY	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 1.01. Entry Into or Amendment of a Material Definitive Agreement.**Indenture and Notes**

On September 12, 2022, Alnylam Pharmaceuticals, Inc. (the “Company”) priced its private offering of \$900.0 million in aggregate principal amount of 1.00% Convertible Senior Notes due 2027 (the “Initial Notes”). On September 13, 2022, the initial purchasers in such offering exercised their option to purchase an additional \$135.0 million in aggregate principal amount of the Company’s 1.00% Convertible Senior Notes due 2027 (the “Additional Notes” and together with the Initial Notes, the “Notes”), bringing the total aggregate principal amount of the Notes to \$1,035.0 million. The Notes are the Company’s senior unsecured obligations. The Notes were issued pursuant to an Indenture, dated September 15, 2022 (the “Indenture”), between the Company and The Bank of New York Mellon, as trustee. The Indenture includes customary covenants and sets forth certain events of default after which the Notes may be declared immediately due and payable and sets forth certain types of bankruptcy or insolvency events of default involving the Company after which the Notes become automatically due and payable.

The Notes will mature on September 15, 2027, unless earlier converted, redeemed or repurchased. The Notes will bear interest from September 15, 2022 at a rate of 1.00% per year payable semiannually in arrears on March 15 and September 15 of each year, beginning on March 15, 2023. Before June 15, 2027, noteholders will have the right to convert their Notes in certain circumstances and during specified periods. From and after June 15, 2027, the Notes will be convertible at the option of the noteholders at any time prior to the close of business on the second scheduled trading day immediately preceding the maturity date. The Company will settle any conversions of Notes by paying or delivering, as applicable, cash shares of the Company’s common stock, par value \$0.01 per share (the “Common Stock”) or a combination of cash and shares of Common Stock, at the Company’s election.

The conversion rate for the Notes will initially be 3.4941 shares of the Common Stock per \$1,000 principal amount of Notes, which is equivalent to an initial conversion price of approximately \$286.20 per share of the Common Stock. The initial conversion price of the Notes represents a premium of approximately 35.0% over the \$212.00 per share last reported sale price of the Common Stock on The Nasdaq Global Select Market on September 12, 2022. The conversion rate is subject to adjustment under certain circumstances in accordance with the terms of the Indenture.

The Company may not redeem the Notes prior to September 20, 2025. The Company may redeem for cash all or any portion of the Notes (subject to certain limitations), at its option, on or after September 20, 2025 and on or prior to the 21st scheduled trading day immediately preceding the maturity date, if the last reported sale price of the Common Stock has been at least 130% of the conversion price then in effect for at least 20 trading days (whether or not consecutive), including the trading day immediately preceding the date on which the Company provides notice of redemption, during any 30 consecutive trading day period ending on, and including, the trading day immediately preceding the date on which the Company provides notice of redemption at a redemption price equal to 100% of the principal amount of the Notes to be redeemed, plus any accrued and unpaid interest to, but excluding, the redemption date. No sinking fund is provided for the Notes, which means that the Company is not required to redeem or retire the Notes periodically.

A copy of the Indenture and the form of the Notes are attached as Exhibit 4.1 and Exhibit 4.2 hereto, respectively, to this Current Report on Form 8-K and are incorporated herein by reference. The foregoing description is qualified in its entirety by reference to such exhibits.

Capped Call Transactions

On September 12, 2022, in connection with the pricing of the Initial Notes, the Company entered into privately negotiated capped call transactions (the “Base Capped Call Transactions”) with certain initial purchasers of the Notes or their respective affiliates and certain other financial institutions (the “Option Counterparties”). On September 13, 2022, in connection with the initial purchasers’ exercise of their option to purchase the Additional Notes, the Company entered into additional privately negotiated capped call transactions with the Option Counterparties (the “Additional Capped Call Transactions,” and together with the Base Capped Call Transactions, the “Capped Call Transactions”). The Capped Call Transactions initially cover, subject to customary anti-dilution adjustments, the number of shares of the Common Stock that underlie the Notes. The Capped Call Transactions are expected generally to reduce potential dilution to the Common Stock upon conversion of any Notes and/or offset any potential cash payments the Company is required to make in excess of the principal amount of converted Notes, as the case may be, with such reduction and/or offset subject to a cap. The cap price of the Capped Call Transactions is initially \$424.00 per share, which represents a premium of 100.0% over the last reported sale price of the Common Stock on The Nasdaq Global Select Market of \$212.00 per share on September 12, 2022, and is subject to certain adjustments under the terms of the capped call transactions. The Company used approximately \$118.6 million of the net proceeds from the offering of Notes to pay the cost of the Capped Call Transactions.

The Capped Call Transactions are separate transactions entered into by the Company with the Option Counterparties, and are not part of the terms of the Notes and will not affect any noteholder’s rights under the Notes. Holders of the Notes will not have any rights with respect to the Capped Call Transactions.

The foregoing description of the Capped Call Transactions are qualified in their entirety by the copy of the form of call option transaction confirmation relating to the Capped Call Transactions, which is attached as Exhibit 10.1 hereto and incorporated herein by reference.

Item 1.02. Termination of a Material Definitive Agreement.

On September 15, 2022, the Company used approximately \$762.0 million of the proceeds from the sale of the Notes to repay borrowings and accrued and unpaid interest, and to pay the prepayment premium, under and terminate the credit agreement, dated as of April 10, 2020, by and among the Company, as the borrower, Wilmington Trust, National Association, as administrative agent, and the guarantors and lenders from time to time party thereto, as amended.

Item 2.03. Creation of a Direct Financial Obligation or an Off-Balance Sheet Arrangement.

The information set forth under Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

Item 3.02. Unregistered Sales of Equity Securities.

The information set forth under Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

The Company offered and sold the Notes to the initial purchasers in reliance on the exemption from registration provided by Section 4(a)(2) of the Securities Act of 1933, as amended (the “Securities Act”), and for resale by the initial purchasers to persons reasonably believed to be qualified institutional buyers pursuant to the exemption from registration provided by Rule 144A under the Securities Act. The Company relied on these exemptions from registration based in part on representations made by the initial purchasers in the purchase agreement pursuant to which the Company sold the Notes to the initial purchasers. The shares of the Common Stock issuable upon conversion of the Notes, if any, have not been registered under the Securities Act and may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements.

To the extent that any shares of the Common Stock are issued upon conversion of the Notes, they will be issued in transactions anticipated to be exempt from registration under the Securities Act by virtue of Section 3(a)(9) thereof, because no commission or other remuneration is expected to be paid in connection with conversion of the Notes and any resulting issuance of shares of the Common Stock. Initially, a maximum of 4,881,991 shares of Common Stock may be issued upon conversion of the Notes, based on the initial maximum conversion rate of 4.7169 shares of Common Stock per \$1,000 principal amount of Notes, which is subject to customary anti-dilution adjustment provisions.

Item 9.01 Financial Statements and Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
4.1*	<u>Indenture, dated as of September 15, 2022, between Alnylam Pharmaceuticals, Inc. and The Bank of New York Mellon, as trustee.</u>
4.2*	<u>Form of 1.00% Convertible Senior Notes due 2027 (included in Exhibit 4.1).</u>
10.1*	<u>Form of Capped Call Transaction Confirmation.</u>
104	Cover page interactive data file (embedded within the inline XBRL document).

* Filed herewith.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 16, 2022

ALNYLAM PHARMACEUTICALS, INC.

By: /s/ Jeffrey V. Poulton
Jeffrey V. Poulton
Executive Vice President, Chief Financial Officer

ALNYLAM PHARMACEUTICALS, INC.

AND

THE BANK OF NEW YORK MELLON,

as Trustee

INDENTURE

Dated as of September 15, 2022

1.00% Convertible Senior Notes due 2027

TABLE OF CONTENTS

		<u>PAGE</u>
	ARTICLE 1	
	Definitions	
Section 1.01.	<i>Definitions</i>	1
Section 1.02.	<i>References to Interest</i>	15
	ARTICLE 2	
	Issue, Description, Execution, Registration and Exchange of Notes	
Section 2.01.	<i>Designation and Amount</i>	15
Section 2.02.	<i>Form of Notes</i>	15
Section 2.03.	<i>Date and Denomination of Notes; Payments of Interest and Defaulted Amounts</i>	16
Section 2.04.	<i>Execution, Authentication and Delivery of Notes</i>	17
Section 2.05.	<i>Exchange and Registration of Transfer of Notes; Restrictions on Transfer; Depositary</i>	18
Section 2.06.	<i>Mutilated, Destroyed, Lost or Stolen Notes</i>	26
Section 2.07.	<i>Temporary Notes</i>	27
Section 2.08.	<i>Cancellation of Notes Paid, Converted, Etc.</i>	27
Section 2.09.	<i>CUSIP Numbers</i>	27
Section 2.10.	<i>Additional Notes; Repurchases</i>	28
	ARTICLE 3	
	Satisfaction and Discharge	
Section 3.01.	<i>Satisfaction and Discharge</i>	28
	ARTICLE 4	
	Particular Covenants of the Company	
Section 4.01.	<i>Payment of Principal and Interest</i>	29
Section 4.02.	<i>Maintenance of Office or Agency</i>	29
Section 4.03.	<i>Appointments to Fill Vacancies in Trustee's Office</i>	30
Section 4.04.	<i>Provisions as to Paying Agent</i>	30
Section 4.05.	<i>Existence</i>	31
Section 4.06.	<i>Rule 144A Information Requirement and Annual Reports</i>	31
Section 4.07.	<i>Stay, Extension and Usury Laws</i>	34
Section 4.08.	<i>Compliance Certificate; Statements as to Defaults</i>	34
Section 4.09.	<i>Further Instruments and Acts</i>	34
	ARTICLE 5	
	Lists of Holders and Reports by the Company and the Trustee	
Section 5.01.	<i>Lists of Holders</i>	35
Section 5.02.	<i>Preservation and Disclosure of Lists</i>	35

ARTICLE 6
Defaults and Remedies

Section 6.01.	<i>Events of Default</i>	35
Section 6.02.	<i>Acceleration; Rescission and Annulment</i>	36
Section 6.03.	<i>Additional Interest</i>	37
Section 6.04.	<i>Payments of Notes on Default; Suit Therefor</i>	39
Section 6.05.	<i>Application of Monies Collected by Trustee</i>	40
Section 6.06.	<i>Proceedings by Holders</i>	41
Section 6.07.	<i>Proceedings by Trustee</i>	42
Section 6.08.	<i>Remedies Cumulative and Continuing</i>	42
Section 6.09.	<i>Direction of Proceedings and Waiver of Defaults by Majority of Holders</i>	43
Section 6.10.	<i>Notice of Defaults</i>	43
Section 6.11.	<i>Undertaking to Pay Costs</i>	44

ARTICLE 7
Concerning the Trustee

Section 7.01.	<i>Duties and Responsibilities of Trustee</i>	44
Section 7.02.	<i>Rights of the Trustee</i>	46
Section 7.03.	<i>No Responsibility for Recitals, Etc.</i>	48
Section 7.04.	<i>Trustee, Paying Agents, Conversion Agents, Bid Solicitation Agent or Note Registrar May Own Notes</i>	48
Section 7.05.	<i>Monies and Shares of Common Stock to Be Held in Trust</i>	48
Section 7.06.	<i>Compensation and Expenses of Trustee</i>	48
Section 7.07.	<i>Officer's Certificate as Evidence</i>	49
Section 7.08.	<i>Eligibility of Trustee</i>	49
Section 7.09.	<i>Resignation or Removal of Trustee</i>	50
Section 7.10.	<i>Acceptance by Successor Trustee</i>	51
Section 7.11.	<i>Succession by Merger, Etc.</i>	51

ARTICLE 8
Concerning the Holders

Section 8.01.	<i>Action by Holders</i>	52
Section 8.02.	<i>Proof of Execution by Holders</i>	52
Section 8.03.	<i>Who Are Deemed Absolute Owners</i>	52
Section 8.04.	<i>Company-Owned Notes Disregarded</i>	53
Section 8.05.	<i>Revocation of Consents; Future Holders Bound</i>	53

ARTICLE 9
Holders' Meetings

Section 9.01.	<i>Purpose of Meetings</i>	54
Section 9.02.	<i>Call of Meetings by Trustee or the Company</i>	54
Section 9.03.	<i>Call of Meetings by Company or Holders</i>	54
Section 9.04.	<i>Qualifications for Voting</i>	54
Section 9.05.	<i>Regulations</i>	55
Section 9.06.	<i>Voting</i>	55
Section 9.07.	<i>No Delay of Rights by Meeting</i>	56

ARTICLE 10		
Supplemental Indentures		
Section 10.01.	<i>Supplemental Indentures Without Consent of Holders</i>	56
Section 10.02.	<i>Supplemental Indentures with Consent of Holders</i>	57
Section 10.03.	<i>Effect of Supplemental Indentures</i>	59
Section 10.04.	<i>Notation on Notes</i>	59
Section 10.05.	<i>Evidence of Compliance of Supplemental Indenture to Be Furnished Trustee</i>	59
ARTICLE 11		
Consolidation, Merger, Sale, Conveyance and Lease		
Section 11.01.	<i>Company May Consolidate, Etc. on Certain Terms</i>	59
Section 11.02.	<i>Successor Corporation to Be Substituted</i>	60
Section 11.03.	<i>Opinion of Counsel to Be Given to Trustee</i>	60
ARTICLE 12		
Immunity of Incorporators, Stockholders, Officers and Directors		
Section 12.01.	<i>Indenture and Notes Solely Corporate Obligations</i>	61
ARTICLE 13		
[Intentionally Omitted]		
ARTICLE 14		
Conversion of Notes		
Section 14.01.	<i>Conversion Privilege</i>	61
Section 14.02.	<i>Conversion Procedure; Settlement Upon Conversion</i>	65
Section 14.03.	<i>Increased Conversion Rate Applicable to Certain Notes Surrendered in Connection with Make-Whole Fundamental Changes or Redemption Notice</i>	71
Section 14.04.	<i>Adjustment of Conversion Rate</i>	73
Section 14.05.	<i>Adjustments of Prices</i>	84
Section 14.06.	<i>Shares to Be Fully Paid</i>	84
Section 14.07.	<i>Effect of Recapitalizations, Reclassifications and Changes of the Common Stock</i>	84
Section 14.08.	<i>Certain Covenants</i>	86
Section 14.09.	<i>Responsibility of Trustee</i>	87
Section 14.10.	<i>Notice to Holders Prior to Certain Actions</i>	88
Section 14.11.	<i>Stockholder Rights Plans</i>	88
Section 14.12.	<i>Exchange in Lieu of Conversion</i>	88
ARTICLE 15		
Repurchase of Notes at Option of Holders		
Section 15.01.	[Intentionally Omitted]	89
Section 15.02.	<i>Repurchase at Option of Holders Upon a Fundamental Change</i>	89
Section 15.03.	<i>Withdrawal of Fundamental Change Repurchase Notice</i>	93
Section 15.04.	<i>Deposit of Fundamental Change Repurchase Price</i>	93
Section 15.05.	<i>Covenant to Comply with Applicable Laws Upon Repurchase of Notes</i>	94

ARTICLE 16
Optional Redemption

Section 16.01.	<i>Optional Redemption</i>	94
Section 16.02.	<i>Notice of Optional Redemption; Selection of Notes</i>	95
Section 16.03.	<i>Payment of Notes Called for Redemption</i>	96
Section 16.04.	<i>Restrictions on Redemption</i>	97

ARTICLE 17
Miscellaneous Provisions

Section 17.01.	<i>Provisions Binding on Company's Successors</i>	97
Section 17.02.	<i>Official Acts by Successor Corporation</i>	97
Section 17.03.	<i>Addresses for Notices, Etc.</i>	97
Section 17.04.	<i>Governing Law; Jurisdiction</i>	98
Section 17.05.	<i>Evidence of Compliance with Conditions Precedent; Certificates and Opinions of Counsel to Trustee</i>	99
Section 17.06.	<i>Legal Holidays</i>	99
Section 17.07.	<i>No Security Interest Created</i>	99
Section 17.08.	<i>Benefits of Indenture</i>	99
Section 17.09.	<i>Table of Contents, Headings, Etc.</i>	99
Section 17.10.	<i>Authenticating Agent</i>	99
Section 17.11.	<i>Execution in Counterparts</i>	101
Section 17.12.	<i>Severability; Entire Agreement</i>	101
Section 17.13.	<i>Waiver of Jury Trial</i>	101
Section 17.14.	<i>Force Majeure</i>	101
Section 17.15.	<i>Calculations</i>	101
Section 17.16.	<i>USA PATRIOT Act</i>	102
Section 17.17.	<i>Tax Withholding</i>	102
Section 17.18.	<i>Electronic Signatures</i>	102
Section 17.19.	<i>Electronic Means</i>	102

EXHIBIT

Exhibit A	Form of Note	A-1
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INDENTURE dated as of September 15, 2022 between ALNYLAM PHARMACEUTICALS, INC., a Delaware corporation, as issuer (the “**Company**,” as more fully set forth in Section 1.01) and THE BANK OF NEW YORK MELLON, a New York banking corporation, as trustee (the “**Trustee**,” as more fully set forth in Section 1.01).

W I T N E S E T H:

WHEREAS, for its lawful corporate purposes, the Company has duly authorized the issuance of its 1.00% Convertible Senior Notes due 2027 (the “**Notes**”), initially in an aggregate principal amount not to exceed \$1,035,000,000, and in order to provide the terms and conditions upon which the Notes are to be authenticated, issued and delivered, the Company has duly authorized the execution and delivery of this Indenture; and

WHEREAS, the Form of Note, the certificate of authentication to be borne by each Note, the Form of Notice of Conversion, the Form of Fundamental Change Repurchase Notice and the Form of Assignment and Transfer to be borne by the Notes are to be substantially in the forms hereinafter provided; and

WHEREAS, all acts and things necessary to make the Notes, when executed by the Company and authenticated and delivered by the Trustee or a duly authorized authenticating agent, as provided in this Indenture, the valid, binding and legal obligations of the Company, and this Indenture the valid, binding and legal agreement of the Company and the Trustee, have been done and performed, and the execution of this Indenture and the issuance hereunder of the Notes have in all respects been duly authorized.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

That in order to declare the terms and conditions upon which the Notes are, and are to be, authenticated, issued and delivered, and in consideration of the premises and of the purchase and acceptance of the Notes by the Holders thereof, the Company covenants and agrees with the Trustee for the equal and proportionate benefit of the respective Holders from time to time of the Notes (except as otherwise provided below), as follows:

ARTICLE 1
DEFINITIONS

Section 1.01. *Definitions.* The terms defined in this Section 1.01 (except as herein otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section 1.01. The words “herein,” “hereof,” “hereunder” and words of similar import refer to this Indenture as a whole and not to any particular Article, Section or other subdivision. The terms defined in this Article include the plural as well as the singular.

“**1% Provision**” shall have the meaning specified in Section 14.04(k).

“**Additional Interest**” means all amounts, if any, payable pursuant to Section 4.06(d), Section 4.06(e) and Section 6.03, as applicable.

“**Additional Shares**” shall have the meaning specified in Section 14.03(a).

“**Affiliate**” of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For the purposes of this definition, “control,” when used with respect to any specified Person means the power to direct or cause the direction of the management and policies of such Person, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise; and the terms “controlling” and “controlled” have meanings correlative to the foregoing. Notwithstanding anything to the contrary herein, the determination of whether one Person is an “**Affiliate**” of another Person for purposes of this Indenture shall be made based on the facts at the time such determination is made or required to be made, as the case may be, hereunder.

“**Applicable Procedures**” means, with respect to a Depositary, as to any matter at any time, the policies and procedures of such Depositary, if any, that are applicable to such matter at such time.

“**Authorized Officers**” shall have the meaning specified in Section 17.19.

“**Bid Solicitation Agent**” means the Company or the Person appointed by the Company to solicit bids for the Trading Price of the Notes in accordance with Section 14.01(b)(i). The Company shall initially act as the Bid Solicitation Agent.

“**Board of Directors**” means the board of directors of the Company or a committee of such board duly authorized to act for it hereunder.

“**Board Resolution**” means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company to have been duly adopted by the Board of Directors, and to be in full force and effect on the date of such certification, and delivered to the Trustee.

“**Business Day**” means any day other than a Saturday, a Sunday or a day on which the Federal Reserve Bank of New York is authorized or required by law or executive order to close or be closed.

“**Business Combination Event**” shall have the meaning specified in Section 11.01.

“**Capital Stock**” means, for any entity, any and all shares, interests, rights to purchase, warrants, options, participations or other equivalents of or interests in (however designated) stock issued by that entity; *provided* that debt securities that are convertible into or exchangeable for Capital Stock shall not constitute Capital Stock prior to their conversion or exchange, as the case may be.

“**Cash Settlement**” shall have the meaning specified in Section 14.02(a).

“Certain Distributions Notification” shall have the meaning specified in Section 14.01(b)(iii).

“Certain Distributions Conversion Period End Date” shall have the meaning specified in Section 14.01(b)(iii).

“Clause A Distribution” shall have the meaning specified in Section 14.04(c).

“Clause B Distribution” shall have the meaning specified in Section 14.04(c).

“Clause C Distribution” shall have the meaning specified in Section 14.04(c).

“close of business” means 5:00 p.m. (New York City time).

“Combination Settlement” shall have the meaning specified in Section 14.02(a).

“Commission” means the U.S. Securities and Exchange Commission.

“Common Equity” of any Person means Capital Stock of such Person that is generally entitled (a) to vote in the election of directors of such Person or (b) if such Person is not a corporation, to vote or otherwise participate in the selection of the governing body, partners, managers or others that will control the management or policies of such Person.

“Common Stock” means the common stock of the Company, par value \$0.01 per share, at the date of this Indenture, subject to Section 14.07.

“Company” shall have the meaning specified in the first paragraph of this Indenture, and subject to the provisions of Article 11, shall include its successors and assigns.

“Company Order” means a written order of the Company, signed on behalf of the Company by an Officer.

“Conversion Agent” shall have the meaning specified in Section 4.02.

“Conversion Date” shall have the meaning specified in Section 14.02(c).

“Conversion Obligation” shall have the meaning specified in Section 14.01(a).

“Conversion Price” means as of any time, \$1,000, *divided by* the Conversion Rate as of such time.

“Conversion Rate” shall have the meaning specified in Section 14.01(a).

“Corporate Event” shall have the meaning specified in Section 14.01(b)(iv).

“Corporate Trust Office” means the corporate trust office of the Trustee at which at any time its corporate trust business shall be administered, which office at the

date hereof is located at The Bank of New York Mellon, 240 Greenwich Street, 7th Floor, New York, New York 10286, Attention: Corporate Trust Administration, or such other address as the Trustee may designate from time to time by notice to the Holders and the Company, or the principal corporate trust office of any successor trustee (or such other address as such successor trustee may designate from time to time by notice to the Holders and the Company).

“**Custodian**” means the Trustee, as custodian for The Depository Trust Company, with respect to the Global Notes, or any successor entity thereto.

“**Daily Conversion Value**” means, for each of the 20 consecutive Trading Days during the Observation Period, 1/20th of the product of (a) the Conversion Rate on such Trading Day and (b) the Daily VWAP for such Trading Day.

“**Daily Measurement Value**” means the Specified Dollar Amount (if any), *divided by* 20.

“**Daily Settlement Amount**,” for each of the 20 consecutive Trading Days during the Observation Period, shall consist of:

(a) cash in an amount equal to the lesser of (i) the Daily Measurement Value and (ii) the Daily Conversion Value on such Trading Day; and

(b) if the Daily Conversion Value on such Trading Day exceeds the Daily Measurement Value, a number of shares of Common Stock equal to (i) the difference between the Daily Conversion Value and the Daily Measurement Value, *divided by* (ii) the Daily VWAP for such Trading Day.

“**Daily VWAP**” means, for each of the 20 consecutive Trading Days during the relevant Observation Period, the per share volume-weighted average price as displayed under the heading “Bloomberg VWAP” on Bloomberg page “ALNY <equity> AQR” (or its equivalent successor if such page is not available) in respect of the period from the scheduled open of trading until the scheduled close of trading of the primary trading session on such Trading Day (or, if such volume-weighted average price is unavailable, the market value of one share of the Common Stock on such Trading Day determined, using a volume-weighted average method, by a nationally recognized independent investment banking firm retained for this purpose by the Company). The “**Daily VWAP**” shall be determined without regard to after-hours trading or any other trading outside of the regular trading session trading hours.

“**Default**” means any event that is, or after notice or passage of time, or both, would be, an Event of Default.

“**Defaulted Amounts**” means any amounts on any Note (including, without limitation, the Redemption Price, the Fundamental Change Repurchase Price, principal and interest) that are payable but are not punctually paid or duly provided for.

“Default Settlement Method” means, initially, Combination Settlement with a Specified Dollar Amount per \$1,000 principal amount of Notes of \$1,000; *provided* that the Company may, from time to time, change the Default Settlement Method by sending notice of the new Default Settlement Method to the Holders, the Trustee and the Conversion Agent (if other than the Trustee) prior to June 15, 2027, all in accordance with, and subject to, the last paragraph of Section 14.02(a)(iii).

“Depository” means, with respect to each Global Note, the Person specified in Section 2.05(c) as the Depository with respect to such Notes, until a successor shall have been appointed and become such pursuant to the applicable provisions of this Indenture, and thereafter, **“Depository”** shall mean or include such successor.

“Distributed Property” shall have the meaning specified in Section 14.04(c).

“Effective Date” shall have the meaning specified in Section 14.03(c), except that, as used in Section 14.04 and Section 14.05, **“Effective Date”** means the first date on which shares of the Common Stock trade on the applicable exchange or in the applicable market, regular way, reflecting the relevant share split or share combination, as applicable. For the avoidance of doubt, any alternative trading convention on the applicable exchange or market in respect of shares of the Common Stock under a separate ticker symbol or CUSIP number will not be considered “regular way” for this purpose.

“Electronic Means” shall have the meaning specified in Section 17.19.

“Event of Default” shall have the meaning specified in Section 6.01.

“Ex-Dividend Date” means the first date on which shares of the Common Stock trade on the applicable exchange or in the applicable market, regular way, without the right to receive the issuance, dividend or distribution in question, from the Company or, if applicable, from the seller of Common Stock on such exchange or market (in the form of due bills or otherwise) as determined by such exchange or market. For the avoidance of doubt, any alternative trading convention on the applicable exchange or market in respect of shares of the Common Stock under a separate ticker symbol or CUSIP number will not be considered “regular way” for this purpose.

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Exchange Election” shall have the meaning specified in Section 14.12.

“Exempted Fundamental Change” refers to any Fundamental Change with respect to which the Company does not offer to repurchase any Notes in accordance with Section 15.02(f).

“Expiration Date” shall have the meaning specified in Section 14.04(e).

“Form of Assignment and Transfer” means the “Form of Assignment and Transfer” attached as Attachment 3 to the Form of Note attached hereto as Exhibit A.

“Form of Fundamental Change Repurchase Notice” means the “Form of Fundamental Change Repurchase Notice” attached as Attachment 2 to the Form of Note attached hereto as Exhibit A.

“Form of Note” means the “Form of Note” attached hereto as Exhibit A.

“Form of Notice of Conversion” means the “Form of Notice of Conversion” attached as Attachment 1 to the Form of Note attached hereto as Exhibit A.

“Fundamental Change” shall be deemed to have occurred at the time after the Notes are originally issued if any of the following occurs:

(a) a “person” or “group” within the meaning of Section 13(d) of the Exchange Act, other than the Company, its Wholly Owned Subsidiaries and the employee benefit plans of the Company and its Wholly Owned Subsidiaries, files a Schedule TO or any schedule, form or report under the Exchange Act disclosing that such “person” or “group” has become the direct or indirect “beneficial owner,” as defined in Rule 13d-3 under the Exchange Act, of the Common Stock representing more than 50% of the voting power of the Common Stock; unless such beneficial ownership arises solely as a result of a revocable proxy delivered in response to a public proxy or consent solicitation made pursuant to the applicable rules and regulations under the Exchange Act and is not also then reportable on Schedule 13D or Schedule 13G (or any successor schedule) under the Exchange Act regardless of whether such a filing has actually been made; *provided*, that no “person” or “group” shall be deemed to be the beneficial owner of any securities tendered pursuant to a tender or exchange offer made by or on behalf of such “person” or “group” until such tendered securities are accepted for purchase or exchange under such offer;

(b) the consummation of (A) any recapitalization, reclassification or change of the Common Stock (other than changes resulting from a subdivision, combination or a change in par value) as a result of which the Common Stock would be converted into, or exchanged for, stock, other securities, other property or assets; (B) any share exchange, consolidation or merger of the Company pursuant to which the Common Stock will be converted into cash, securities or other property or assets; or (C) any sale, lease or other transfer in one transaction or a series of transactions of all or substantially all of the consolidated assets of the Company and its Subsidiaries, taken as a whole, to any Person other than one or more of the Company’s direct or indirect Wholly Owned Subsidiaries; *provided, however*, that a transaction described in clause (A) or (B) in which the holders of all classes of the Company’s Common Equity immediately prior to such transaction own, directly or indirectly, more than 50% of all classes of Common Equity of the continuing or surviving corporation or transferee or the parent thereof immediately after such transaction in substantially the same proportions (relative to each other) as such ownership immediately prior to such transaction shall not be a Fundamental Change pursuant to this clause (b);

(c) the stockholders of the Company approve any plan or proposal for the liquidation or dissolution of the Company; or

(d) the Common Stock (or other Common Equity underlying the Notes) ceases to be listed or quoted on any of The New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or any of their respective successors);

provided, however, that a transaction or transactions described in clause (a) or clause (b) above shall not constitute a Fundamental Change, if at least 90% of the consideration received or to be received by the holders of the Common Stock, excluding cash payments for fractional shares and cash payments made in respect of dissenters' appraisal rights, in connection with such transaction or transactions consists of Common Equity that are listed or quoted on any of The New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or any of their respective successors) or will be so listed or quoted when issued or exchanged in connection with such transaction or transactions and as a result of such transaction or transactions such consideration, excluding cash payments for fractional shares and cash payments made in respect of dissenters' appraisal rights, becomes Reference Property for the Notes (subject to the provisions of Section 14.02(a)). Any event, transaction or series of related transactions that constitute a Fundamental Change under both clause (a) and clause (b) above (determined without regard to the proviso in clause (b) above) shall be deemed to be a Fundamental Change solely under clause (b) above (subject to such *proviso*). If any transaction in which the Common Stock is replaced by the Common Equity of another entity occurs, following completion of any related Make-Whole Fundamental Change Period (or, in the case of a transaction that would have been a Fundamental Change or a Make-Whole Fundamental Change but for the proviso immediately following clause (d) of this definition, following the effective date of such transaction) references to the Company in this definition shall instead be references to such other entity.

"Fundamental Change Company Notice" shall have the meaning specified in Section 15.02(c).

"Fundamental Change Repurchase Date" shall have the meaning specified in Section 15.02(a).

"Fundamental Change Repurchase Notice" shall have the meaning specified in Section 15.02(b)(i).

"Fundamental Change Repurchase Price" shall have the meaning specified in Section 15.02(a).

"Global Note" shall have the meaning specified in Section 2.05(b).

"Holder," as applied to any Note, means any Person in whose name at the time a particular Note is registered on the Note Register.

"Indenture" means this instrument as originally executed or, if amended or supplemented as herein provided, as so amended or supplemented.

"Instructions" shall have the meaning specified in Section 17.19.

“Interest Payment Date” means each March 15 and September 15 of each year, beginning on March 15, 2023.

“Last Reported Sale Price” of the Common Stock (or other security for which a closing sale price must be determined) on any date means the closing sale price per share (or if no closing sale price is reported, the average of the bid and ask prices or, if more than one in either case, the average of the average bid and the average ask prices) on that date as reported in composite transactions for the principal U.S. national or regional securities exchange on which the Common Stock (or such other security) is traded. If the Common Stock (or such other security) is not listed for trading on a U.S. national or regional securities exchange on the relevant date, the **“Last Reported Sale Price”** shall be the last quoted bid price per share for the Common Stock (or such other security) in the over-the-counter market on the relevant date as reported by OTC Markets Group Inc. or a similar organization. If the Common Stock (or such other security) is not so quoted, the **“Last Reported Sale Price”** shall be the average of the mid-point of the last bid and ask prices per share for the Common Stock (or such other security) on the relevant date from each of at least three nationally recognized independent investment banking firms selected by the Company for this purpose. The **“Last Reported Sale Price”** shall be determined without regard to after-hours trading or any other trading outside of regular trading session hours.

“Legend Removal Deadline Date” shall have the meaning specified in Section 4.06(e).

“Make-Whole Fundamental Change” means any transaction or event that constitutes a Fundamental Change (as defined above and determined after giving effect to any exceptions to or exclusions from such definition, but without regard to the *proviso* in clause (b) of the definition thereof).

“Make-Whole Fundamental Change Period” shall have the meaning specified in Section 14.03(a).

“Market Disruption Event” means, for the purposes of determining amounts due upon conversion (a) a failure by the primary U.S. national or regional securities exchange or market on which the Common Stock is listed or admitted for trading to open for trading during its regular trading session or (b) the occurrence or existence prior to 1:00 p.m., New York City time, on any Scheduled Trading Day for the Common Stock for more than one half-hour period in the aggregate during regular trading hours of any suspension or limitation imposed on trading (by reason of movements in price exceeding limits permitted by the relevant stock exchange or otherwise) in the Common Stock or in any options contracts or futures contracts traded on any U.S. exchange relating to the Common Stock.

“Maturity Date” means September 15, 2027.

“Measurement Period” shall have the meaning specified in Section 14.01(b)(i).

“**Note**” or “**Notes**” shall have the meaning specified in the first paragraph of the recitals of this Indenture.

“**Note Register**” shall have the meaning specified in Section 2.05(a).

“**Note Registrar**” shall have the meaning specified in Section 2.05(a).

“**Notice of Conversion**” shall have the meaning specified in Section 14.02(b).

“**Observation Period**” with respect to any Note surrendered for conversion means: (i) subject to clause (ii), if the relevant Conversion Date occurs prior to June 15, 2027, the 20 consecutive Trading Day period beginning on, and including, the second Trading Day immediately succeeding such Conversion Date; (ii) with respect to any Notes called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)), if the relevant Conversion Date occurs during a Redemption Period with respect to such Notes, the 20 consecutive Trading Days beginning on, and including, the 21st Scheduled Trading Day immediately preceding the relevant Redemption Date; and (iii) subject to clause (ii), if the relevant Conversion Date occurs on or after June 15, 2027, the 20 consecutive Trading Days beginning on, and including, the 21st Scheduled Trading Day immediately preceding the Maturity Date.

“**Offering Memorandum**” means the preliminary offering memorandum dated September 12, 2022, as supplemented by the related pricing term sheet dated September 12, 2022, relating to the offering and sale of the Notes.

“**Officer**” means, with respect to the Company, the President, the Chief Executive Officer, the Chief Financial Officer, the Treasurer, the Secretary, any assistant Treasurer, any assistant Secretary, any Executive or Senior Vice President or any Vice President (whether or not designated by a number or numbers or word or words added before or after the title “Vice President”).

“**Officer’s Certificate**,” when used with respect to the Company, means a certificate that is delivered to the Trustee and that is signed on behalf of the Company by an Officer of the Company that meets the requirements of Section 17.05.

“**open of business**” means 9:00 a.m. (New York City time).

“**Opinion of Counsel**” means an opinion in writing signed by legal counsel, who may be an employee of or counsel to the Company, that is delivered to the Trustee.

“**Optional Redemption**” shall have the meaning specified in Section 16.01.

“**outstanding**,” when used with reference to Notes, shall, subject to the provisions of Section 8.04, mean, as of any particular time, all Notes authenticated and delivered by the Trustee under this Indenture, except:

(a) Notes theretofore canceled by the Trustee or accepted by the Trustee for cancellation;

(b) Notes, or portions thereof, that have become due and payable and in respect of which monies in the necessary amount shall have been deposited in trust with the Trustee or with any Paying Agent (other than the Company) or shall have been set aside and segregated in trust by the Company (if the Company shall act as its own Paying Agent);

(c) Notes that have been paid pursuant to Section 2.06 or Notes in lieu of which, or in substitution for which, other Notes shall have been authenticated and delivered pursuant to the terms of Section 2.06 unless proof satisfactory to the Trustee is presented that any such Notes are held by protected purchasers in due course;

(d) Notes surrendered for purchase in accordance with Article 15 for which Paying Agent or tender agent holds money sufficient to pay the Fundamental Change Repurchase Price, in accordance with Section 15.04(b);

(e) Notes converted pursuant to Article 14 and required to be cancelled pursuant to Section 2.08;

(f) Notes redeemed pursuant to Article 16; and

(g) Notes repurchased by the Company pursuant to the last sentence of Section 2.10 after the Company surrenders them to the Trustee for cancellation in accordance with Section 2.08.

“Partial Redemption Limitation” shall have the meaning specified in Section 16.02(d).

“Paying Agent” shall have the meaning specified in Section 4.02.

“Person” means an individual, a corporation, a limited liability company, an association, a partnership, a joint venture, a joint stock company, a trust, an unincorporated organization or a government or an agency or a political subdivision thereof.

“Physical Notes” means permanent certificated Notes in registered form issued in minimum denominations of \$1,000 principal amount and integral multiples in excess thereof.

“Physical Settlement” shall have the meaning specified in Section 14.02(a).

“Predecessor Note” of any particular Note means every previous Note evidencing all or a portion of the same debt as that evidenced by such particular Note; and, for the purposes of this definition, any Note authenticated and delivered under Section 2.06 in lieu of or in exchange for a mutilated, lost, destroyed or stolen Note shall be deemed to evidence the same debt as the mutilated, lost, destroyed or stolen Note that it replaces.

“Qualified Successor Entity” means, with respect to a Business Combination Event, a corporation; *provided, however*, that a limited liability company, limited partnership or other similar entity shall also constitute a Qualified Successor Entity with respect to such Business Combination Event if either (i) such Business Combination Event is an Exempted Fundamental Change; or (ii) both of the following conditions are satisfied: (1) either (x) such limited liability company, limited partnership or other similar entity, as applicable, is treated as a corporation or is a direct or indirect, wholly owned subsidiary of, and disregarded as an entity separate from, a corporation, in each case for U.S. federal income tax purposes; or (y) the Company has received an opinion of a nationally recognized tax counsel to the effect that such Business Combination Event will not be treated as an exchange under Section 1001 of the U.S. Internal Revenue Code of 1986, as amended, for Holders or beneficial owners of the Notes; and (2) such Business Combination Event constitutes a Share Exchange Event whose Reference Property consists solely of any combination of cash in U.S. dollars and shares of common stock or other corporate Common Equity of an entity that is (x) treated as a corporation for U.S. federal income tax purposes; (y) duly organized and existing under the laws of the United States of America, any State thereof or the District of Columbia; and (z) the direct or indirect parent of the limited liability company, limited partnership or similar entity.

“Record Date” means, with respect to any dividend, distribution or other transaction or event in which the holders of Common Stock (or other applicable security) have the right to receive any cash, securities or other property or in which the Common Stock (or such other security) is exchanged for or converted into any combination of cash, securities or other property, the date fixed for determination of holders of the Common Stock (or such other security) entitled to receive such cash, securities or other property (whether such date is fixed by the Board of Directors, by statute, by contract or otherwise).

“Redemption Date” shall have the meaning specified in Section 16.02(a).

“Redemption Notice” shall have the meaning specified in Section 16.02(a).

“Redemption Period” means the period from, and including, the date of a Redemption Notice until the close of business on the second Scheduled Trading Day immediately preceding the related Redemption Date, or, if the Company defaults in the payment of the Redemption Price, until the Redemption Price has been paid or duly provided for.

“Redemption Price” means, for any Notes to be redeemed pursuant to Section 16.01, 100% of the principal amount of such Notes, *plus* accrued and unpaid interest, if any, to, but excluding, the Redemption Date (unless the Redemption Date falls after a Regular Record Date but on or prior to the immediately succeeding Interest Payment Date, in which case interest accrued to the Interest Payment Date will be paid to Holders of record of such Notes as of the close of business on such Regular Record Date, and the Redemption Price will be equal to 100% of the principal amount of such Notes).

“Reference Property” shall have the meaning specified in Section 14.07(a).

“**Regular Record Date**,” with respect to any Interest Payment Date, means the March 1 or September 1 (whether or not such day is a Business Day) immediately preceding the applicable March 15 or September 15 Interest Payment Date, respectively.

“**Resale Restriction Termination Date**” shall have the meaning specified in Section 2.05(c).

“**Responsible Officer**” means, when used with respect to the Trustee, any officer within the Corporate Trust Office of the Trustee, including any vice president, assistant vice president, assistant secretary, assistant treasurer, trust officer or any other officer of the Trustee who customarily performs functions similar to those performed by the Persons who at the time shall be such officers, respectively, or to whom any corporate trust matter relating to this Indenture is referred because of such person’s knowledge of and familiarity with the particular subject and, in each case, who shall have direct responsibility for the administration of this Indenture.

“**Restricted Securities**” shall have the meaning specified in Section 2.05(c).

“**Restrictive Legend**” shall have the meaning specified in Section 2.05(c).

“**Rule 144**” means Rule 144 as promulgated under the Securities Act.

“**Rule 144A**” means Rule 144A as promulgated under the Securities Act.

“**Scheduled Trading Day**” means a day that is scheduled to be a Trading Day on the principal U.S. national or regional securities exchange or market on which the Common Stock is listed or admitted for trading. If the Common Stock is not so listed or admitted for trading, “**Scheduled Trading Day**” means a Business Day.

“**Securities Act**” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“**Settlement Amount**” shall have the meaning specified in Section 14.02(a)(iv) .

“**Settlement Method**” means, with respect to any conversion of Notes, Physical Settlement, Cash Settlement or Combination Settlement, as elected (or deemed to have been elected) by the Company.

“**Settlement Method Election Deadline**” shall have the meaning specified in Section 14.02(a)(iii).

“**Settlement Notice**” shall have the meaning specified in Section 14.02(a)(iii).

“**Share Exchange Event**” shall have the meaning specified in Section 14.07(a).

“**Significant Subsidiary**” means a Subsidiary of the Company that meets the definition of “significant subsidiary” in Article 1, Rule 1-02(w) of Regulation S-X under the Exchange Act as in effect on the date of this Indenture; *provided* that, in the case of a Subsidiary of the Company that meets the criteria of clause (1)(iii) of such definition of “significant subsidiary” but not clause (1)(i) or (1)(ii) thereof, in each case, as such rule is in effect on the date of this Indenture, such Subsidiary shall not be deemed to be a Significant Subsidiary unless such Subsidiary’s income from continuing operations before income taxes, exclusive of amounts attributable to any non-controlling interests, for the last completed fiscal year prior to the date of such determination exceeds \$100,000,000. For the avoidance of doubt, to the extent any such Subsidiary would not be deemed to be a “significant subsidiary” under the relevant definition set forth in Article 1, Rule 1-02(w) of Regulation S-X under the Exchange Act (or any successor rule) as in effect on the relevant date of determination, such Subsidiary shall not be deemed to be a Significant Subsidiary under this Indenture irrespective of whether such Subsidiary would otherwise be deemed to be a Significant Subsidiary pursuant to the immediately preceding sentence.

“**Specified Dollar Amount**” means the maximum cash amount per \$1,000 principal amount of Notes to be received upon conversion as specified in the Settlement Notice related to any converted Notes.

“**Spin-Off**” shall have the meaning specified in Section 14.04(c).

“**Stock Price**” shall have the meaning specified in Section 14.03(c).

“**Subsidiary**” means, with respect to any Person, any corporation, association, partnership or other business entity of which more than 50% of the total voting power of shares of Capital Stock or other interests (including partnership interests) entitled (without regard to the occurrence of any contingency) to vote in the election of directors, managers, general partners or trustees thereof is at the time owned or controlled, directly or indirectly, by (i) such Person; (ii) such Person and one or more Subsidiaries of such Person; or (iii) one or more Subsidiaries of such Person.

“**Successor Company**” shall have the meaning specified in Section 11.01(a).

“**Trading Day**” means a day on which (i) trading in the Common Stock (or other security for which a closing sale price must be determined) generally occurs on The Nasdaq Global Select Market or, if the Common Stock (or such other security) is not then listed on The Nasdaq Global Select Market, on the principal other U.S. national or regional securities exchange on which the Common Stock (or such other security) is then listed or, if the Common Stock (or such other security) is not then listed on a U.S. national or regional securities exchange, on the principal other market on which the Common Stock (or such other security) is then traded and (ii) a Last Reported Sale Price for the Common Stock (or closing sale price for such other security) is available on such securities exchange or market; *provided* that if the Common Stock (or such other security) is not so listed or traded, “**Trading Day**” means a Business Day; and *provided, further*, that for purposes of determining amounts due upon conversion only, “**Trading Day**” means a day on which (x) there is no Market Disruption Event and (y) trading in the Common Stock generally occurs on The Nasdaq Global Select Market or, if the Common Stock is not then listed on The Nasdaq Global Select Market, on the principal

other U.S. national or regional securities exchange on which the Common Stock is then listed or, if the Common Stock is not then listed on a U.S. national or regional securities exchange, on the principal other market on which the Common Stock is then listed or admitted for trading, except that if the Common Stock is not so listed or admitted for trading, “**Trading Day**” means a Business Day.

“**Trading Price**” per \$1,000 principal amount of the Notes on any date of determination means the average of the secondary market bid quotations obtained by the Bid Solicitation Agent for \$5,000,000 principal amount of Notes at approximately 3:30 p.m., New York City time, on such determination date from three independent nationally recognized securities dealers the Company selects for this purpose; *provided* that if three such bids cannot reasonably be obtained by the Bid Solicitation Agent but two such bids are obtained, then the average of the two bids shall be used, and if only one such bid can reasonably be obtained by the Bid Solicitation Agent, that one bid shall be used. If the Bid Solicitation Agent cannot reasonably obtain at least one bid for \$5,000,000 principal amount of Notes from a nationally recognized securities dealer on any determination date, then the Trading Price per \$1,000 principal amount of Notes on such determination date shall be deemed to be less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate. Any such determination will be conclusive absent manifest error.

“**Trading Price Condition**” shall have the meaning specified in Section 14.01(b)(i).

“**transfer**” shall have the meaning specified in Section 2.05(c).

“**Trigger Event**” shall have the meaning specified in Section 14.04(c).

“**Trust Indenture Act**” means the Trust Indenture Act of 1939, as amended, as it was in force at the date of execution of this Indenture; *provided, however*, that in the event the Trust Indenture Act of 1939 is amended after the date hereof, the term “Trust Indenture Act” shall mean, to the extent required by such amendment, the Trust Indenture Act of 1939, as so amended.

“**Trustee**” means the Person named as the “**Trustee**” in the first paragraph of this Indenture until a successor trustee shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “**Trustee**” shall mean or include each Person who is then a Trustee hereunder.

“**unit of Reference Property**” shall have the meaning specified in Section 14.07(a).

“**Valid Payment Date**” means any day other than a Saturday, a Sunday or a day on which banking institutions in the place of payment are authorized or required by law or executive order to close or be closed.

“**Valuation Period**” shall have the meaning specified in Section 14.04(c).

“**Wholly Owned Subsidiary**” means, with respect to any Person, any Subsidiary of such Person, except that, solely for purposes of this definition, the reference to “more than 50%” in the definition of “Subsidiary” shall be deemed replaced by a reference to “100%”.

Section 1.02. *References to Interest.* Unless the context otherwise requires, any reference to interest on, or in respect of, any Note in this Indenture shall be deemed to include Additional Interest if, in such context, Additional Interest is, was or would be payable pursuant to any of Section 4.06(d), Section 4.06(e) and Section 6.03. Unless the context otherwise requires, any express mention of Additional Interest in any provision hereof shall not be construed as excluding Additional Interest in those provisions hereof where such express mention is not made.

ARTICLE 2

ISSUE, DESCRIPTION, EXECUTION, REGISTRATION AND EXCHANGE OF NOTES

Section 2.01. *Designation and Amount.* The Notes shall be designated as the “1.00% Convertible Senior Notes due 2027.” The aggregate principal amount of Notes that may be authenticated and delivered under this Indenture is initially limited to \$1,035,000,000, subject to Section 2.10 and except for Notes authenticated and delivered upon registration or transfer of, or in exchange for, or in lieu of other Notes to the extent expressly permitted hereunder.

Section 2.02. *Form of Notes.* The Notes and the Trustee’s certificate of authentication to be borne by such Notes shall be substantially in the respective forms set forth in Exhibit A, the terms and provisions of which shall constitute, and are hereby expressly incorporated in and made a part of this Indenture. To the extent applicable, the Company and the Trustee, by their execution and delivery of this Indenture, expressly agree to such terms and provisions and to be bound thereby. In the case of any conflict between this Indenture and a Note, the provisions of this Indenture shall control and govern to the extent of such conflict.

Any Global Note may be endorsed with or have incorporated in the text thereof such legends or recitals or changes not inconsistent with the provisions of this Indenture as may be required by the Custodian or the Depositary, or as may be required to comply with any applicable law or any regulation thereunder or with the rules and regulations of any securities exchange or automated quotation system upon which the Notes may be listed or traded or designated for issuance or to conform with any usage with respect thereto, or to indicate any special limitations or restrictions to which any particular Notes are subject.

Any of the Notes may have such letters, numbers or other marks of identification and such notations, legends or endorsements as the Officer executing the same may approve (execution thereof to be conclusive evidence of such approval) and as are not inconsistent with the provisions of this Indenture, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any securities exchange or automated quotation system on which the Notes may be listed or designated for issuance, or to conform to usage or to indicate any special limitations or restrictions to which any particular Notes are subject.

Each Global Note shall represent such principal amount of the outstanding Notes as shall be specified therein and shall provide that it shall represent the aggregate principal amount of outstanding Notes from time to time endorsed thereon and that the aggregate principal amount of outstanding Notes represented thereby may from time to time be increased or reduced to reflect redemptions, repurchases, cancellations, conversions, transfers or exchanges permitted hereby. Any endorsement of a Global Note to reflect the amount of any increase or decrease in the amount of outstanding Notes represented thereby shall be made by the Trustee or the Custodian, at the direction of the Trustee, in such manner and upon instructions given by the Holder of such Notes in accordance with this Indenture. Payment of principal (including the Redemption Price, the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, a Global Note shall be made to the Holder of such Note on the date of payment, unless a record date or other means of determining Holders eligible to receive payment is provided for herein.

Section 2.03. *Date and Denomination of Notes; Payments of Interest and Defaulted Amounts.* (a) The Notes shall be issuable in registered form without coupons in minimum denominations of \$1,000 principal amount and integral multiples in excess thereof. Each Note shall be dated the date of its authentication and shall bear interest from the date specified on the face of such Note. Accrued interest on the Notes shall be computed on the basis of a 360-day year composed of twelve 30-day months and, for partial months, on the basis of the number of days actually elapsed in a 30-day month.

(b) The Person in whose name any Note (or its Predecessor Note) is registered on the Note Register at the close of business on any Regular Record Date with respect to any Interest Payment Date shall be entitled to receive the interest payable on such Interest Payment Date. The principal amount of any Note (x) in the case of any Physical Note, shall be payable at the office or agency of the Company maintained by the Company for such purposes in the United States of America, which shall initially be the Corporate Trust Office in the United States of America and (y) in the case of any Global Note, shall be payable by wire transfer of immediately available funds to the account of the Depositary or its nominee. The Company shall pay, or cause the Paying Agent to pay, interest (i) on any Physical Notes (A) to Holders holding Physical Notes having an aggregate principal amount of \$5,000,000 or less, by check mailed to the Holders of these Notes at their address as it appears in the Note Register and (B) to Holders holding Physical Notes having an aggregate principal amount of more than \$5,000,000, either by check mailed to each Holder or, upon application by such a Holder to the Note Registrar not later than the relevant Regular Record Date, by wire transfer in immediately available funds to that Holder's account within the United States of America if such Holder has provided the Trustee or Paying Agent with the requisite information necessary to make such wire transfer, which application shall remain in effect until the Holder notifies, in writing, the Note Registrar to the contrary or (ii) on any Global Note by wire transfer of immediately available funds to the account of the Depositary or its nominee.

(c) Any Defaulted Amounts shall forthwith cease to be payable to the Holder on the relevant payment date but shall accrue interest per annum at the rate borne by the Notes, subject to the enforceability thereof under applicable law, from, and including, such relevant payment date, and such Defaulted Amounts together with such interest thereon shall be paid by the Company, at its election in each case, as provided in clause (i) or (ii) below:

(i) The Company may elect to make payment of any Defaulted Amounts to the Persons in whose names the Notes (or their respective Predecessor Notes) are registered at the close of business on a special record date for the payment of such Defaulted Amounts, which shall be fixed in the following manner. The Company shall notify the Trustee in writing of the amount of the Defaulted Amounts proposed to be paid on each Note and the date of the proposed payment (which shall be not less than 25 days after the receipt by the Trustee of such notice, unless the Trustee shall consent to an earlier date), and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount to be paid in respect of such Defaulted Amounts or shall make arrangements satisfactory to the Trustee for such deposit on or prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Amounts as in this clause provided. Thereupon the Company shall fix a special record date for the payment of such Defaulted Amounts which shall be not more than 15 days and not less than 10 days prior to the date of the proposed payment, and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Company shall promptly notify the Trustee of such special record date in writing and the Trustee, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Amounts and the special record date therefor to be delivered to each Holder not less than 10 days prior to such special record date. Notice of the proposed payment of such Defaulted Amounts and the special record date therefor having been so delivered, such Defaulted Amounts shall be paid to the Persons in whose names the Notes (or their respective Predecessor Notes) are registered at the close of business on such special record date and shall no longer be payable pursuant to the following clause (ii) of this Section 2.03(c). The Trustee shall have no responsibility for the calculation of Defaulted Amounts.

(ii) The Company may make payment of any Defaulted Amounts in any other lawful manner not inconsistent with the requirements of any securities exchange or automated quotation system on which the Notes may be listed or designated for issuance, and upon such notice as may be required by such exchange or automated quotation system, if, after written notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Section 2.04. *Execution, Authentication and Delivery of Notes.* The Notes shall be signed in the name and on behalf of the Company by the manual, facsimile or other electronic signature of one of its Officers.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Notes executed by the Company to the Trustee for authentication, together with a Company Order for the authentication and delivery of such Notes, and the Trustee in accordance with such Company Order shall authenticate and deliver such Notes, without any further action by the Company hereunder; *provided, however*, that the Trustee shall be entitled to receive an Officer's Certificate and an Opinion of Counsel of the Company with respect to the issuance, authentication and delivery of the Notes.

Only such Notes as shall bear thereon a certificate of authentication substantially in the form set forth on the Form of Note attached as Exhibit A hereto, executed manually, electronically or by facsimile by an authorized signatory of the Trustee (or an authenticating agent appointed by the Trustee as provided by Section 17.10), shall be entitled to the benefits of this Indenture or be valid or obligatory for any purpose. Such certificate by the Trustee (or such an authenticating agent) upon any Note executed by the Company shall be conclusive evidence that the Note so authenticated has been duly authenticated and delivered hereunder and that the Holder is entitled to the benefits of this Indenture.

In case any Officer of the Company who shall have signed any of the Notes shall cease to be such Officer before the Notes so signed shall have been authenticated and delivered by the Trustee, or disposed of by the Company, such Notes nevertheless may be authenticated and delivered or disposed of as though the person who signed such Notes had not ceased to be such Officer of the Company; and any Note may be signed on behalf of the Company by such persons as, at the actual date of the execution of such Note, shall be the Officers of the Company, although at the date of the execution of this Indenture any such person was not such an Officer.

Section 2.05. *Exchange and Registration of Transfer of Notes; Restrictions on Transfer; Depositary.* (a) The Company shall cause to be kept at the Corporate Trust Office a register (the register maintained in such office or in any other office or agency of the Company designated pursuant to Section 4.02, the “**Note Register**”) in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of Notes and of transfers of Notes. Such register shall be in written form or in any form capable of being converted into written form within a reasonable period of time. The Trustee is hereby initially appointed the “**Note Registrar**” for the purpose of registering Notes and transfers of Notes as herein provided. The Company may appoint one or more co-Note Registrars in accordance with Section 4.02.

Upon surrender for registration of transfer of any Note to the Note Registrar or any co-Note Registrar, and satisfaction (as determined by the Company) of the requirements for such transfer set forth in this Section 2.05, the Company shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee or transferees, one or more new Notes of any authorized denominations and of a like aggregate principal amount and bearing such legends as may be required by this Indenture.

Notes may be exchanged for other Notes of any authorized denominations and of a like aggregate principal amount, upon surrender of the Notes to be exchanged at any such office or agency maintained by the Company pursuant to Section 4.02. Whenever any Notes are so surrendered for exchange, the Company shall execute, and the Trustee shall authenticate and deliver, the Notes that the Holder making the exchange is entitled to receive, bearing registration numbers not contemporaneously outstanding.

All Notes presented or surrendered for registration of transfer or for exchange, repurchase or conversion shall (if so required by the Company, the Trustee, the Note Registrar or any co-Note Registrar) be duly endorsed, or be accompanied by a written instrument or instruments of transfer in form satisfactory to the Note Registrar and duly executed, by the Holder thereof or its attorney-in-fact duly authorized in writing.

No service charge shall be imposed by the Company, the Trustee, the Note Registrar, any co-Note Registrar or the Paying Agent for any exchange or registration of transfer of Notes, but the Company may require a Holder to pay a sum sufficient to cover any documentary, stamp or similar issue or transfer tax required in connection therewith as a result of the name of the Holder of new Notes issued upon such exchange or registration of transfer being different from the name of the Holder of the old Notes surrendered for exchange or registration of transfer.

None of the Company, the Trustee, the Note Registrar or any co-Note Registrar shall be required to exchange or register a transfer of (i) any Notes surrendered for conversion or, if a portion of any Note is surrendered for conversion, such portion thereof surrendered for conversion, (ii) any Notes, or a portion of any Note, surrendered for repurchase (and not withdrawn) in accordance with Article 15 or (iii) any Notes selected for redemption in accordance with Article 16, except the unredeemed portion of any Note being redeemed in part.

All Notes issued upon any registration of transfer or exchange of Notes in accordance with this Indenture shall be the valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture as the Notes surrendered upon such registration of transfer or exchange.

(b) So long as the Notes are eligible for book-entry settlement with the Depositary, unless otherwise required by law, subject to the fourth paragraph from the end of Section 2.05(c) all Notes shall be represented by one or more Notes in global form (each, a “**Global Note**”) registered in the name of the Depositary or the nominee of the Depositary. The transfer and exchange of beneficial interests in a Global Note that does not involve the issuance of a Physical Note shall be effected through the Depositary (but not the Trustee or the Custodian) in accordance with this Indenture (including the restrictions on transfer set forth herein) and the Applicable Procedures.

(c) Every Note that bears or is required under this Section 2.05(c) to bear the legend set forth in this Section 2.05(c) (together with any Common Stock issued upon conversion of the Notes that is required to bear the legend set forth in Section 2.05(d), collectively, the “**Restricted Securities**”) shall be subject to the restrictions on transfer

set forth in this Section 2.05(c) (including the legend set forth below), unless such restrictions on transfer shall be eliminated or otherwise waived by written consent of the Company, and the Holder of each such Restricted Security, by such Holder's acceptance thereof, agrees to be bound by all such restrictions on transfer. As used in this Section 2.05(c) and Section 2.05(d), the term "**transfer**" encompasses any sale, pledge, transfer or other disposition whatsoever of any Restricted Security.

Until the date (the "**Resale Restriction Termination Date**") that is the later of (1) the date that is one year after the last date of original issuance of the Notes, or such shorter period of time as permitted by Rule 144 or any successor provision thereto, and (2) such later date, if any, as may be required by applicable law, any certificate evidencing such Note (and all securities issued in exchange therefor or substitution thereof, other than Common Stock, if any, issued upon conversion thereof, which shall bear the legend set forth in Section 2.05(d), if applicable) shall bear a legend in substantially the following form (the "**Restrictive Legend**") (unless such Notes have been transferred pursuant to a registration statement that has become or been declared effective under the Securities Act and that continues to be effective at the time of such transfer, or sold pursuant to the exemption from registration provided by Rule 144 or any similar provision then in force under the Securities Act, or unless otherwise agreed by the Company in writing, with notice thereof to the Trustee):

THIS SECURITY AND THE COMMON STOCK, IF ANY, ISSUABLE UPON CONVERSION OF THIS SECURITY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "**SECURITIES ACT**"), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT IN ACCORDANCE WITH THE FOLLOWING SENTENCE. BY ITS ACQUISITION HEREOF OR OF A BENEFICIAL INTEREST HEREIN, THE ACQUIRER:

(1) REPRESENTS THAT IT AND ANY ACCOUNT FOR WHICH IT IS ACTING IS A "QUALIFIED INSTITUTIONAL BUYER" (WITHIN THE MEANING OF RULE 144A UNDER THE SECURITIES ACT) AND THAT IT EXERCISES SOLE INVESTMENT DISCRETION WITH RESPECT TO EACH SUCH ACCOUNT, AND

(2) AGREES FOR THE BENEFIT OF ALNYLAM PHARMACEUTICALS, INC. (THE "**COMPANY**") THAT IT WILL NOT OFFER, SELL, PLEDGE OR OTHERWISE TRANSFER THIS SECURITY OR ANY BENEFICIAL INTEREST HEREIN PRIOR TO THE DATE THAT IS THE LATER OF (X) ONE YEAR AFTER THE LAST ORIGINAL ISSUE DATE HEREOF OR SUCH SHORTER PERIOD OF TIME AS PERMITTED BY RULE 144 UNDER THE SECURITIES ACT OR ANY SUCCESSOR PROVISION THERETO AND (Y) SUCH LATER DATE, IF ANY, AS MAY BE REQUIRED BY APPLICABLE LAW, EXCEPT:

(A) TO THE COMPANY OR ANY SUBSIDIARY THEREOF, OR

(B) PURSUANT TO A REGISTRATION STATEMENT THAT HAS BECOME EFFECTIVE UNDER THE SECURITIES ACT AND IS EFFECTIVE AT THE TIME OF SUCH TRANSFER, OR

(C) TO A PERSON THAT YOU REASONABLY BELIEVE TO BE A QUALIFIED INSTITUTIONAL BUYER IN COMPLIANCE WITH RULE 144A UNDER THE SECURITIES ACT, OR

(D) PURSUANT TO AN EXEMPTION FROM REGISTRATION PROVIDED BY RULE 144 UNDER THE SECURITIES ACT OR ANY OTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

PRIOR TO THE REGISTRATION OF ANY TRANSFER IN ACCORDANCE WITH CLAUSE (2)(D) ABOVE, THE COMPANY RESERVES THE RIGHT TO REQUIRE THE DELIVERY OF SUCH LEGAL OPINIONS, CERTIFICATIONS OR OTHER EVIDENCE AS MAY REASONABLY BE REQUIRED IN ORDER TO DETERMINE THAT THE PROPOSED TRANSFER IS BEING MADE IN COMPLIANCE WITH THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS. NO REPRESENTATION IS MADE AS TO THE AVAILABILITY OF ANY EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

NO AFFILIATE (AS DEFINED IN RULE 144 UNDER THE SECURITIES ACT) OF THE COMPANY OR PERSON THAT HAS BEEN AN AFFILIATE (AS DEFINED IN RULE 144 UNDER THE SECURITIES ACT) OF THE COMPANY DURING THE IMMEDIATELY PRECEDING THREE MONTHS MAY PURCHASE, OTHERWISE ACQUIRE OR HOLD THIS SECURITY OR A BENEFICIAL INTEREST HEREIN.

No transfer of any Note prior to the Resale Restriction Termination Date will be registered by the Note Registrar unless the applicable box on the Form of Assignment and Transfer has been checked.

Any Note (or security issued in exchange or substitution therefor) (i) as to which such restrictions on transfer shall have expired in accordance with their terms, (ii) that has been transferred pursuant to a registration statement that has become effective or been declared effective under the Securities Act and that continues to be effective at the time of such transfer or (iii) that has been sold pursuant to the exemption from registration provided by Rule 144 or any similar provision then in force under the Securities Act, may, upon surrender of such Note for exchange to the Note Registrar in accordance with the provisions of this Section 2.05, be exchanged for a new Note or Notes, of like tenor and aggregate principal amount, which shall not bear the Restrictive Legend required by this Section 2.05(c) and shall not be assigned (or deemed assigned) a restricted CUSIP number. The Restrictive Legend set forth above and affixed on any Note will be deemed, in accordance with the terms of the certificate representing such

Note, to be removed therefrom upon the Company's delivery to the Trustee of an Officer's Certificate to such effect; at such time, such Note will be deemed to be assigned an unrestricted CUSIP number as provided in the certificate representing such Note, it being understood that the Depositary of any Global Note may require a mandatory exchange or other process to cause such Global Note to be identified by an unrestricted CUSIP number in the facilities of such Depositary. Without limiting the generality of any other provision of this Indenture, the Trustee will be entitled to receive an instruction letter, together with the documents contemplated under Section 17.05 hereof, from the Company before taking any action with respect to effecting any such mandatory exchange or other process. The Company reserves the right to require the delivery of such legal opinions, certifications or other evidence as may reasonably be required in order to determine that any proposed transfer of any Note is being made in compliance with the Securities Act and applicable state securities laws.

The Company shall be entitled to instruct the Custodian in writing to so surrender any Global Note as to which any of the conditions set forth in clause (i) through (iii) of the immediately preceding sentence have been satisfied, and, upon such instruction, the Custodian shall so surrender such Global Note for exchange; and any new Global Note so exchanged therefor shall not bear the Restrictive Legend specified in this Section 2.05(c) and shall not be assigned (or deemed assigned) a restricted CUSIP number. The Company shall promptly notify the Trustee in writing upon the occurrence of the Resale Restriction Termination Date and promptly after a registration statement, if any, with respect to the Notes or any Common Stock issued upon conversion of the Notes has been declared effective under the Securities Act.

Notwithstanding any other provisions of this Indenture (other than the provisions set forth in this Section 2.05(c)), a Global Note may not be transferred as a whole or in part except (i) by the Depositary to a nominee of the Depositary or by a nominee of the Depositary to the Depositary or another nominee of the Depositary or by the Depositary or any such nominee to a successor Depositary or a nominee of such successor Depositary and (ii) for exchange of a Global Note or a portion thereof for one or more Physical Notes in accordance with the second immediately succeeding paragraph.

The Depositary shall be a clearing agency registered under the Exchange Act. The Company initially appoints The Depositary Trust Company to act as Depositary with respect to each Global Note. Initially, each Global Note shall be issued to the Depositary, registered in the name of Cede & Co., as the nominee of the Depositary, and deposited with the Trustee as custodian for Cede & Co.

If (i) the Depositary notifies the Company at any time that the Depositary is unwilling or unable to continue as depositary for the Global Notes and a successor depositary is not appointed within 90 days, (ii) the Depositary ceases to be registered as a clearing agency under the Exchange Act and a successor depositary is not appointed within 90 days or (iii) an Event of Default with respect to the Notes has occurred and is continuing and a beneficial owner of any Note requests that its beneficial interest therein be issued as a Physical Note, the Company shall execute, and the Trustee, upon receipt of an Officer's Certificate and a Company Order for the authentication and delivery of

Notes, shall authenticate and deliver (x) in the case of clause (iii), a Physical Note to such beneficial owner in a principal amount equal to the principal amount of such Note corresponding to such beneficial owner's beneficial interest and (y) in the case of clause (i) or (ii), Physical Notes to each beneficial owner of the related Global Notes (or a portion thereof) in an aggregate principal amount equal to the aggregate principal amount of such Global Notes in exchange for such Global Notes, and upon delivery of the Global Notes to the Trustee such Global Notes shall be canceled.

Physical Notes issued in exchange for all or a part of the Global Note pursuant to this Section 2.05(c) shall be registered in such names and in such authorized denominations as the Depositary, pursuant to instructions from its direct or indirect participants or otherwise, or, in the case of clause (iii) of the immediately preceding paragraph, the relevant beneficial owner, shall instruct the Trustee. Upon execution and authentication, the Trustee shall deliver such Physical Notes to the Persons in whose names such Physical Notes are so registered.

At such time as all interests in a Global Note have been converted, canceled, repurchased, redeemed or transferred, such Global Note shall be, upon receipt thereof, canceled by the Trustee in accordance with standing procedures and existing instructions between the Depositary and the Custodian. At any time prior to such cancellation, if any interest in a Global Note is exchanged for Physical Notes, converted, canceled, repurchased, redeemed or transferred to a transferee who receives Physical Notes therefor or any Physical Note is exchanged or transferred for part of such Global Note, the principal amount of such Global Note shall, in accordance with the standing procedures and instructions existing between the Depositary and the Custodian, be appropriately reduced or increased, as the case may be, and an endorsement shall be made on such Global Note, by the Trustee or the Custodian, at the direction of the Trustee, to reflect such reduction or increase.

None of the Company, the Trustee, the Paying Agent, the Conversion Agent or any agent of the Company or the Trustee shall have any responsibility or liability for the payment of amounts to owners of beneficial interest in a Global Note, for any aspect of the records relating to or payments made on account of beneficial ownership interests of a Global Note or maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Neither the Company nor the Trustee, Paying Agent, Note Registrar or Conversion Agent (nor the Company's or their agents) shall have any responsibility or liability for any act or omission of the Depositary. All notices and communications to be given to the Holders and all payments to be made to Holders in respect of the Notes shall be given or made only to, or upon the order of, the registered Holder(s) (which shall be the Depositary or its nominee in the case of a Global Note).

The rights of beneficial owners in any Global Note shall be exercised only through the Depositary subject to the Applicable Procedures of the Depositary. The Trustee may rely and shall be fully protected in relying upon information furnished by the Depositary with respect to its members, participants and any beneficial owners.

(d) Until the Resale Restriction Termination Date, any stock certificate representing Common Stock issued upon conversion of a Note shall bear a legend in substantially the following form (unless such Common Stock has been transferred pursuant to a registration statement that has become or been declared effective under the Securities Act and that continues to be effective at the time of such transfer, or pursuant to the exemption from registration provided by Rule 144 or any similar provision then in force under the Securities Act, or such Common Stock has been issued upon conversion of a Note that has transferred pursuant to a registration statement that has become or been declared effective under the Securities Act and that continues to be effective at the time of such transfer, or pursuant to the exemption from registration provided by Rule 144 or any similar provision then in force under the Securities Act, or unless otherwise agreed by the Company with written notice thereof to the Trustee and any transfer agent for the Common Stock):

THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “**SECURITIES ACT**”), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT IN ACCORDANCE WITH THE FOLLOWING SENTENCE. BY ITS ACQUISITION HEREOF OR OF A BENEFICIAL INTEREST HEREIN, THE ACQUIRER:

(1) REPRESENTS THAT IT AND ANY ACCOUNT FOR WHICH IT IS ACTING IS A “QUALIFIED INSTITUTIONAL BUYER” (WITHIN THE MEANING OF RULE 144A UNDER THE SECURITIES ACT) AND THAT IT EXERCISES SOLE INVESTMENT DISCRETION WITH RESPECT TO EACH SUCH ACCOUNT, AND

(2) AGREES FOR THE BENEFIT OF ALNYLAM PHARMACEUTICALS, INC. (THE “**COMPANY**”) THAT IT WILL NOT OFFER, SELL, PLEDGE OR OTHERWISE TRANSFER THIS SECURITY OR ANY BENEFICIAL INTEREST HEREIN PRIOR TO THE DATE THAT IS THE LATER OF (X) ONE YEAR AFTER THE LAST ORIGINAL ISSUE DATE OF THE SERIES OF NOTES UPON THE CONVERSION OF WHICH THIS SECURITY WAS ISSUED OR SUCH SHORTER PERIOD OF TIME AS PERMITTED BY RULE 144 UNDER THE SECURITIES ACT OR ANY SUCCESSOR PROVISION THERETO AND (Y) SUCH LATER DATE, IF ANY, AS MAY BE REQUIRED BY APPLICABLE LAW, EXCEPT:

(A) TO THE COMPANY OR ANY SUBSIDIARY THEREOF, OR

(B) PURSUANT TO A REGISTRATION STATEMENT THAT HAS BECOME EFFECTIVE UNDER THE SECURITIES ACT AND IS EFFECTIVE AT THE TIME OF SUCH TRANSFER, OR

(C) TO A PERSON THAT YOU REASONABLY BELIEVE TO BE A QUALIFIED INSTITUTIONAL BUYER IN COMPLIANCE WITH RULE 144A UNDER THE SECURITIES ACT, OR

(D) PURSUANT TO AN EXEMPTION FROM REGISTRATION PROVIDED BY RULE 144 UNDER THE SECURITIES ACT OR ANY OTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

PRIOR TO THE REGISTRATION OF ANY TRANSFER IN ACCORDANCE WITH CLAUSE (2)(D) ABOVE, THE COMPANY AND THE TRANSFER AGENT FOR THE COMPANY'S COMMON STOCK RESERVE THE RIGHT TO REQUIRE THE DELIVERY OF SUCH LEGAL OPINIONS, CERTIFICATIONS OR OTHER EVIDENCE AS MAY REASONABLY BE REQUIRED IN ORDER TO DETERMINE THAT THE PROPOSED TRANSFER IS BEING MADE IN COMPLIANCE WITH THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS. NO REPRESENTATION IS MADE AS TO THE AVAILABILITY OF ANY EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

Any such Common Stock (i) as to which such restrictions on transfer shall have expired in accordance with their terms, (ii) that has been transferred pursuant to a registration statement that has become or been declared effective under the Securities Act and that continues to be effective at the time of such transfer or (iii) that has been sold pursuant to the exemption from registration provided by Rule 144 or any similar provision then in force under the Securities Act, may, upon surrender of the certificates representing such shares of Common Stock for exchange in accordance with the procedures of the transfer agent for the Common Stock, be exchanged for a new certificate or certificates for a like aggregate number of shares of Common Stock, which shall not bear the restrictive legend required by this Section 2.05(d).

(e) Any Note that is owned by the Company or any Affiliate of the Company (or any Person who was an Affiliate of the Company at any time during the three months immediately preceding) may not be resold by the Company or such Affiliate (or such Person, as the case may be) unless registered under the Securities Act or resold pursuant to an exemption from the registration requirements of the Securities Act in a transaction that results in such Note no longer being a "restricted security" (as defined under Rule 144).

(f) Notwithstanding anything contained herein to the contrary, neither the Trustee nor the Note Registrar shall be responsible for ascertaining whether any transfer complies with the registration provisions of, or exemptions from, the Securities Act, applicable state securities laws or other applicable law, or for monitoring any Holder's compliance with the provisions of this Section 2.05 or for verifying any Holder's representations made in accordance with this Section 2.05. Neither the Trustee nor the Note Registrar shall have any responsibility for any actions taken or not taken by the Depositary.

Section 2.06. *Mutilated, Destroyed, Lost or Stolen Notes.* In case any Note shall become mutilated or be destroyed, lost or stolen, the Company in its discretion may execute, and upon receipt of a Company Order, the Trustee or an authenticating agent appointed by the Trustee shall authenticate and deliver, a new Note, bearing a registration number not contemporaneously outstanding, in exchange and substitution for the mutilated Note, or in lieu of and in substitution for the Note so destroyed, lost or stolen. In every case the applicant for a substituted Note shall furnish to the Company, to the Trustee and, if applicable, to such authenticating agent such security or indemnity as may be required by them to save each of them harmless from any loss, liability, cost or expense caused by or connected with such substitution, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company, to the Trustee and, if applicable, to such authenticating agent evidence to their satisfaction of the destruction, loss or theft of such Note and of the ownership thereof.

The Trustee or such authenticating agent may authenticate any such substituted Note and deliver the same upon the receipt of such security or indemnity as the Trustee, the Company and, if applicable, such authenticating agent may require. No service charge shall be imposed by the Company, the Trustee, the Note Registrar, any co-Note Registrar or the Paying Agent upon the issuance of any substitute Note, but the Company may require a Holder to pay a sum sufficient to cover any documentary, stamp or similar issue or transfer tax required in connection therewith as a result of the name of the Holder of the new substitute Note being different from the name of the Holder of the old Note that became mutilated or was destroyed, lost or stolen. In case any Note that has matured or is about to mature or has been surrendered for required repurchase or is about to be converted in accordance with Article 14 shall become mutilated or be destroyed, lost or stolen, the Company may, in its sole discretion, instead of issuing a substitute Note, pay or authorize the payment of or convert or authorize the conversion of the same (without surrender thereof except in the case of a mutilated Note), as the case may be, if the applicant for such payment or conversion shall furnish to the Company, to the Trustee and, if applicable, to such authenticating agent such security or indemnity as may be required by them to save each of them harmless for any loss, liability, cost or expense caused by or connected with such substitution, and, in every case of destruction, loss or theft, evidence satisfactory to the Company, the Trustee and, if applicable, any Paying Agent or Conversion Agent of the destruction, loss or theft of such Note and of the ownership thereof.

Every substitute Note issued pursuant to the provisions of this Section 2.06 by virtue of the fact that any Note is destroyed, lost or stolen shall constitute an additional contractual obligation of the Company, whether or not the destroyed, lost or stolen Note shall be found at any time, and shall be entitled to all the benefits of (but shall be subject to all the limitations set forth in) this Indenture equally and proportionately with any and all other Notes duly issued hereunder. To the extent permitted by law, all Notes shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement, payment, redemption, conversion or repurchase of mutilated, destroyed, lost or stolen Notes and shall preclude any and all other rights or remedies notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement, payment, redemption, conversion or repurchase of negotiable instruments or other securities without their surrender.

Section 2.07. *Temporary Notes.* Pending the preparation of Physical Notes, the Company may execute and the Trustee or an authenticating agent appointed by the Trustee shall, upon receipt of a Company Order, authenticate and deliver temporary Notes (printed or lithographed). Temporary Notes shall be issuable in any authorized denomination, and substantially in the form of the Physical Notes but with such omissions, insertions and variations as may be appropriate for temporary Notes, all as may be determined by the Company. Every such temporary Note shall be executed by the Company and authenticated by the Trustee or such authenticating agent upon the same conditions and in substantially the same manner, and with the same effect, as the Physical Notes. Without unreasonable delay, the Company shall execute and deliver to the Trustee or such authenticating agent Physical Notes (other than any Global Note) and thereupon any or all temporary Notes (other than any Global Note) may be surrendered in exchange therefor, at each office or agency maintained by the Company pursuant to Section 4.02 and the Trustee or such authenticating agent shall, upon receipt of a Company Order, authenticate and deliver in exchange for such temporary Notes an equal aggregate principal amount of Physical Notes. Such exchange shall be made by the Company at its own expense and without any charge therefor. Until so exchanged, the temporary Notes shall in all respects be entitled to the same benefits and subject to the same limitations under this Indenture as Physical Notes authenticated and delivered hereunder.

Section 2.08. *Cancellation of Notes Paid, Converted, Etc.* The Company shall cause all Notes surrendered for the purpose of payment at maturity, registration of transfer or exchange or conversion, if surrendered to the Company or any Person that the Company controls, to be surrendered to the Trustee for cancellation and they will no longer be considered outstanding under this Indenture upon their payment at maturity, registration of transfer or exchange or conversion. All Notes delivered to the Trustee shall be canceled promptly by it. Except for any Notes surrendered for registration of transfer or exchange, or as otherwise expressly permitted by any of the provisions of this Indenture, no Notes shall be authenticated in exchange for any Notes surrendered to the Trustee for cancellation. The Trustee shall dispose of canceled Notes in accordance with its customary procedures. After such cancellation, the Trustee shall deliver a certificate of such cancellation to the Company, at the Company's written request in a Company Order.

Section 2.09. *CUSIP Numbers.* The Company in issuing the Notes may use CUSIP numbers (if then generally in use), and, if so, the Trustee shall use CUSIP numbers in all notices issued to Holders as a convenience to such Holders; *provided* that the Trustee shall have no liability for any defect in the CUSIP numbers as they appear on any Note, notice or elsewhere and that any such notice may state that no representation is made as to the correctness of such numbers either as printed on the Notes or on such notice and that reliance may be placed only on the other identification numbers printed on the Notes. The Company shall promptly notify the Trustee in writing of any change in the CUSIP numbers.

Section 2.10. *Additional Notes; Repurchases.* The Company may, without the consent of, or notice to, the Holders and notwithstanding Section 2.01, issue additional Notes hereunder with the same terms as the Notes initially issued hereunder (other than differences in the issue date, the issue price, interest accrued prior to the issue date of such additional Notes and, if applicable, restrictions on transfer in respect of such additional Notes) in an unlimited aggregate principal amount; *provided* that if any such additional Notes are not fungible with the Notes initially issued hereunder for U.S. federal income tax or securities law purposes, such additional Notes shall have a separate CUSIP number or no CUSIP number. Prior to the issuance of any such additional Notes, the Company shall deliver to the Trustee a Company Order, an Officer's Certificate and an Opinion of Counsel, such Officer's Certificate and Opinion of Counsel to cover such matters, in addition to those required by Section 17.05, as the Trustee shall reasonably request. In addition, the Company may, to the extent permitted by law and without notice to or the consent of Holders, and directly or indirectly (regardless of whether such Notes are surrendered to the Company), repurchase Notes in the open market or otherwise, whether by the Company or its Subsidiaries or through a private or public tender or exchange offer or through counterparties to private agreements, including by cash-settled swaps or other derivatives. The Company may, to the extent permitted by applicable law, reissue, resell or surrender to the Trustee for cancellation in accordance with Section 2.08 any Notes that the Company may repurchase, in the case of a reissuance or resale, so long as such Notes do not constitute "restricted securities" (as defined under Rule 144) upon such reissuance or resale; *provided* that, if any such Notes are not fungible with the Notes initially issued hereunder for U.S. federal income tax law purposes, such reissued or resold Notes shall have a separate CUSIP number or no CUSIP number. Any Notes that the Company may repurchase shall be considered outstanding for all purposes under this Indenture (for the avoidance of doubt, other than, at any time when such Notes are held by the Company, any of the Company's Subsidiaries or Affiliates or any Subsidiary of any of the Company's Affiliates, for the purpose of determining whether Holders of the requisite aggregate principal amount of Notes have concurred in any direction, consent, waiver or other action under this Indenture) unless and until such time the Company surrenders them to the Trustee for cancellation in accordance with Section 2.08 and, upon receipt of a written order from the Company, the Trustee shall cancel all Notes so surrendered.

ARTICLE 3 SATISFACTION AND DISCHARGE

Section 3.01. *Satisfaction and Discharge.* This Indenture and the Notes shall upon request of the Company contained in an Officer's Certificate cease to be of further effect, and the Trustee, at the expense of the Company, shall execute such instruments reasonably requested by the Company acknowledging satisfaction and discharge of this Indenture and the Notes, when (a) (i) all Notes theretofore authenticated and delivered (other than Notes which have been destroyed, lost or stolen and which have been replaced, paid or converted as provided in Section 2.06) have been delivered to the Trustee for cancellation; or (ii) after the Notes have (x) become due and payable, whether on the Maturity Date, on any Redemption Date, on any Fundamental Change Repurchase Date or otherwise and/or (y) been converted (and the related consideration due upon conversion has been determined), the Company has deposited with the Trustee cash

and/or has delivered to Holders shares of Common Stock, as applicable, (in the case of Common Stock, solely to satisfy the Company's Conversion Obligation) sufficient, without consideration of reinvestment, to pay all of the outstanding Notes and all other sums due and payable under this Indenture by the Company; and (b) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Indenture have been complied with. Notwithstanding the satisfaction and discharge of this Indenture, the obligations of the Company to the Trustee under Section 7.06 shall survive.

ARTICLE 4
PARTICULAR COVENANTS OF THE COMPANY

Section 4.01. *Payment of Principal and Interest.* The Company covenants and agrees that it will cause to be paid the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, the Settlement Amounts owed upon conversion on, and accrued and unpaid interest on, each of the Notes at the places, at the respective times and in the manner provided herein and in the Notes.

Section 4.02. *Maintenance of Office or Agency.* The Company will maintain in the United States of America an office or agency where the Notes may be surrendered for registration of transfer or exchange or for presentation for payment or repurchase ("**Paying Agent**") or for conversion ("**Conversion Agent**") and where notices in respect of the Notes and this Indenture may be made. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made at the Corporate Trust Office.

The Company may also from time to time designate a Paying Agent one or more other offices or agencies where the Notes may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; *provided* that no such designation or rescission shall in any manner relieve the Company of its obligation to maintain an office or agency in the United States of America for such purposes. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency. The terms "**Paying Agent**" and "**Conversion Agent**" include any such additional or other offices or agencies, as applicable.

The Company hereby initially designates the Trustee as the Paying Agent, Note Registrar, Custodian and Conversion Agent and the Corporate Trust Office as a place where Notes may be surrendered for registration of transfer or exchange or for presentation for payment or repurchase (if applicable) or for conversion and where notices in respect of the Notes and this Indenture may be made; provided, that the Trustee shall not be considered an agent of the Company for service of legal process.

Section 4.03. *Appointments to Fill Vacancies in Trustee's Office.* The Company, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.09, a Trustee, so that there shall at all times be a Trustee hereunder.

Section 4.04. *Provisions as to Paying Agent.* (a) If the Company shall appoint a Paying Agent other than the Trustee, the Company will cause such Paying Agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section 4.04:

(i) that it will hold all sums held by it as such agent for the payment of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, the Notes in trust for the benefit of the Holders of the Notes;

(ii) that it will give the Trustee prompt written notice of any failure by the Company to make any payment of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, the Notes when the same shall be due and payable; and

(iii) that at any time during the continuance of an Event of Default, upon request of the Trustee, it will forthwith pay to the Trustee all sums so held in trust;

provided, that a Paying Agent appointed as contemplated under Section 15.02(f) shall not be required to deliver any such instrument.

The Company shall, on or before each due date of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, the Notes, deposit with the Paying Agent a sum sufficient to pay such principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) or accrued and unpaid interest, and (unless such Paying Agent is the Trustee) the Company will promptly notify the Trustee in writing of any failure to take such action; *provided* that if such deposit is made on the due date, such deposit must be received by the Paying Agent by 11:00 a.m., New York City time, on such date.

(b) If the Company shall act as its own Paying Agent, it will, on or before each due date of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, and accrued and unpaid interest on, the Notes, set aside, segregate and hold in trust for the benefit of the Holders of the Notes a sum sufficient to pay such principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) and accrued and unpaid interest so becoming due and will promptly notify the Trustee in writing of any failure to take such action and of any failure by the Company to make any payment of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, the Notes when the same shall become due and payable.

(c) Anything in this Section 4.04 to the contrary notwithstanding, the Company may, at any time, for the purpose of obtaining a satisfaction and discharge of this Indenture, or for any other reason, pay, cause to be paid or deliver to the Trustee all sums or amounts held in trust by the Company or any Paying Agent hereunder as required by this Section 4.04, such sums or amounts to be held by the Trustee upon the trusts herein contained and upon such payment or delivery by the Company or any Paying Agent to the Trustee, the Company or such Paying Agent shall be released from all further liability but only with respect to such sums or amounts.

(d) Subject to applicable law, any money deposited with the Trustee, the Conversion Agent or any Paying Agent, or any money and shares of Common Stock then held by the Company, in trust for the payment of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, accrued and unpaid interest on and the consideration due upon conversion of any Note and remaining unclaimed for two years after such principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable), interest or consideration due upon conversion has become due and payable shall be paid to the Company on request of the Company contained in an Officer's Certificate, or (if then held by the Company) shall be discharged from such trust; and the Holder of such Note shall thereafter, as an unsecured general creditor, look only to the Company for payment thereof, and all liability of the Trustee, the Conversion Agent or such Paying Agent with respect to such trust money, and all liability of the Company as trustee with respect to such trust money and shares of Common Stock, shall thereupon cease; *provided, however*, that the Trustee, Conversion Agent or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in a newspaper published in the English language, customarily published on each Business Day and of general circulation in The Borough of Manhattan, The City of New York, notice that such money and shares of Common Stock remain unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such publication, any unclaimed balance of such money and shares of Common Stock then remaining will be repaid or delivered to the Company.

Section 4.05. *Existence.* Subject to Article 11, the Company shall do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence.

Section 4.06. *Rule 144A Information Requirement and Annual Reports.* (a) At any time the Company is not subject to Section 13 or 15(d) of the Exchange Act, the Company shall, so long as any of the Notes or any shares of Common Stock issuable upon conversion thereof shall, at such time, constitute "restricted securities" within the meaning of Rule 144(a)(3) under the Securities Act, promptly provide to the Trustee and, upon written request, any Holder, beneficial owner or prospective purchaser of such Notes or any shares of Common Stock issuable upon conversion of such Notes, the information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act to facilitate the resale of such Notes or shares of Common Stock pursuant to Rule 144A.

(b) The Company shall file with the Trustee, within 15 days after the same are required to be filed with the Commission, copies of any documents or reports that the Company is required to file with the Commission pursuant to Section 13 or 15(d) of the Exchange Act (giving effect to any grace period provided by Rule 12b-25 under the Exchange Act). Notwithstanding the foregoing, the Company shall in no event be required to file with, or otherwise provide or disclose to, the Trustee or any Holder any information for which the Company is requesting (assuming such request has not been denied), or has received, confidential treatment from the Commission, or any correspondence with the Commission. Any such document or report that the Company files with the Commission via the Commission's EDGAR system (or any successor thereto) shall be deemed to be filed with the Trustee for purposes of this Section 4.06(b) at the time such documents are filed via the EDGAR system (or any successor thereto); provided that the Trustee shall have no obligation to determine whether such documents or reports have been filed via the EDGAR system.

(c) Delivery of the reports and documents described in subsection (a) and (b) above to the Trustee is for informational purposes only, and the Trustee's receipt of such shall not constitute constructive or actual notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder (as to which the Trustee is entitled to conclusively rely on an Officer's Certificate).

(d) If, at any time during the six-month period beginning on, and including, the date that is six months after the last date of original issuance of the Notes, the Company fails to timely file any document or report that it is required to file with the Commission pursuant to Section 13 or 15(d) of the Exchange Act, as applicable (after giving effect to all applicable grace periods thereunder and other than reports on Form 8-K), or the Notes are not otherwise freely tradable pursuant to Rule 144 by Holders other than the Company's Affiliates or Holders that were the Company's Affiliates at any time during the three months immediately preceding (as a result of restrictions pursuant to U.S. securities laws or the terms of this Indenture or the Notes), the Company shall pay Additional Interest on the Notes. Such Additional Interest shall accrue on the Notes at the rate of (i) 0.25% per annum of the principal amount of the Notes outstanding for each day during the first 90 calendar days of such period for which the Company's failure to file has occurred and is continuing or the Notes are not otherwise freely tradable pursuant to Rule 144 by Holders other than the Company's Affiliates (or Holders that were the Company's Affiliates at any time during the three months immediately preceding) and (ii) 0.50% per annum of the principal amount of the Notes outstanding for each day after the 90th day of such period for which the Company's failure to file has occurred and is continuing or the Notes are not otherwise freely tradable pursuant to Rule 144 by Holders other than the Company's Affiliates (or Holders that were the Company's Affiliates at any time during the three months immediately preceding). As used in this Section 4.06(d), documents or reports that the Company is required to "file" with the Commission pursuant to Section 13 or 15(d) of the Exchange Act does not include

documents or reports that the Company furnishes to the Commission pursuant to Section 13 or 15(d) of the Exchange Act. For purposes of this Section 4.06(d), “as a result of restrictions pursuant to U.S. securities laws or the terms of this Indenture or the Notes” shall not include, for the avoidance of doubt, the assignment of a restricted CUSIP number or the existence of a Restrictive Legend on the Notes in compliance with the Indenture, in either case, during the six-month period described in this Section 4.06(d).

(e) If, and for so long as, the Restrictive Legend on the Notes specified in Section 2.05(c) has not been removed, the Notes are assigned a restricted CUSIP number or the Notes are not otherwise freely tradable pursuant to Rule 144 by Holders other than the Company’s Affiliates or Holders that were the Company’s Affiliates at any time during the three months immediately preceding (without restrictions pursuant to U.S. securities laws or the terms of this Indenture or the Notes) as of the 380th day after the last date of original issuance of the Notes (the “**Legend Removal Deadline Date**”), the Company shall pay Additional Interest on the Notes at a rate equal to (i) 0.25% per annum of the principal amount of Notes outstanding for each day during the period beginning on, and including, the Legend Removal Deadline Date and ending on the earlier of (x) the 90th day immediately following the Legend Removal Deadline Date and (y) the date on which the Restrictive Legend on the Notes has been removed in accordance with Section 2.05(c), the Notes are assigned an unrestricted CUSIP number and the Notes are freely tradable pursuant to Rule 144 by Holders other than the Company’s Affiliates (or Holders that were the Company’s Affiliates at any time during the three months immediately preceding) without restrictions pursuant to U.S. securities laws or the terms of this Indenture or the Notes and (ii) 0.50% per annum of the principal amount of Notes outstanding for each day during the period beginning on, and including, the 91st day immediately following the Legend Removal Deadline Date and ending on the date on which the Restrictive Legend on the Notes has been removed in accordance with Section 2.05(c), the Notes are assigned an unrestricted CUSIP number and the Notes are freely tradable pursuant to Rule 144 by Holders other than the Company’s Affiliates (or Holders that were the Company’s Affiliates at any time during the three months immediately preceding) without restrictions pursuant to U.S. securities laws or the terms of this Indenture or the Notes. The Restrictive Legend on the Notes shall be deemed removed pursuant to the terms of this Indenture as provided in Section 2.05(c), and, at such time, the Notes will, pursuant to, and subject to the provisions of, such Section, be deemed assigned an unrestricted CUSIP number. However, for the avoidance of doubt, Global Notes will continue to bear Additional Interest pursuant to this paragraph until such time as they are identified by an unrestricted CUSIP number in the facilities of the Depositary therefor, as a result of completion of such Depositary’s mandatory exchange process or otherwise.

(f) Additional Interest will be payable in arrears on each Interest Payment Date following accrual in the same manner as regular interest on the Notes.

(g) The Additional Interest that is payable in accordance with Section 4.06(d) or Section 4.06(e) shall be in addition to, and not in lieu of, any Additional Interest that may be payable as a result of the Company’s election pursuant to Section 6.03. However, in no event shall any Additional Interest that may accrue as a result of the Company’s

failure to timely file any document or report that it is required to file with the Commission pursuant to Section 13 or 15(d) of the Exchange Act, as applicable, after giving effect to all applicable grace periods thereunder and other than reports on Form 8-K, as described in Section 4.06(d), together with any Additional Interest payable at the Company's election as the remedy for an Event of Default relating to the Company's failure to comply with its obligations as set forth Section 4.06(b), accrue at a rate in excess of 0.50% per annum pursuant to this Indenture, regardless of the number of events or circumstances giving rise to the requirement to pay such Additional Interest.

(h) If Additional Interest is payable by the Company pursuant to Section 4.06(d) or Section 4.06(e), the Company shall deliver to the Trustee an Officer's Certificate to that effect stating (i) the amount of such Additional Interest that is payable and (ii) the date on which such Additional Interest is payable. Unless and until a Responsible Officer of the Trustee receives at the Corporate Trust Office such a certificate, the Trustee may assume without inquiry that no such Additional Interest is payable.

Section 4.07. *Stay, Extension and Usury Laws.* The Company covenants (to the extent that it may lawfully do so) that it shall not at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension or usury law or other law that would prohibit or forgive the Company from paying all or any portion of the principal of or interest on the Notes as contemplated herein, wherever enacted, now or at any time hereafter in force, or that may affect the covenants or the performance of this Indenture; and the Company (to the extent it may lawfully do so) hereby expressly waives all benefit or advantage of any such law, and covenants that it will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

Section 4.08. *Compliance Certificate; Statements as to Defaults.* The Company shall deliver to the Trustee within 120 days after the end of each fiscal year of the Company (beginning with the fiscal year ending on December 31, 2022) an Officer's Certificate stating whether the signers thereof have knowledge of any failure by the Company to comply with all conditions and covenants then required to be performed under this Indenture and, if so, specifying each such failure and the nature thereof.

In addition, the Company shall deliver to the Trustee within 30 days after an officer of the Company becomes aware of the occurrence of any Event of Default or Default, an Officer's Certificate setting forth the details of such Event of Default or Default, its status and the action that the Company is taking or proposing to take in respect thereof; *provided* that the Company is not required to deliver such notice if such Event of Default or Default has been cured.

Section 4.09. *Further Instruments and Acts.* Upon request of the Trustee, Paying Agent or Conversion Agent, the Company will execute and deliver such further instruments and do such further acts as may be reasonably necessary or proper to carry out more effectively the purposes of this Indenture.

ARTICLE 5
LISTS OF HOLDERS AND REPORTS BY THE COMPANY AND THE TRUSTEE

Section 5.01. *Lists of Holders.* The Company covenants and agrees that it will furnish or cause to be furnished to the Trustee, semi-annually, no later than March 1 and September 1 in each year beginning with March 1, 2023, and at such other times as the Trustee may request in writing, within 15 days after receipt by the Company of any such request (or such lesser time as the Trustee may reasonably request in order to enable it to timely provide any notice to be provided by it hereunder), a list in such form as the Trustee may reasonably require of the names and addresses of the Holders as of a date not more than 15 days (or such other date as the Trustee may reasonably request in order to so provide any such notices) prior to the time such information is furnished, except that no such list need be furnished so long as the Trustee is acting as Note Registrar.

Section 5.02. *Preservation and Disclosure of Lists.* The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the Holders contained in the most recent list furnished to it as provided in Section 5.01 or maintained by the Trustee in its capacity as Note Registrar, if so acting. The Trustee may destroy any list furnished to it as provided in Section 5.01 upon receipt of a new list so furnished.

ARTICLE 6
DEFAULTS AND REMEDIES

Section 6.01. *Events of Default.* Each of the following events shall be an “**Event of Default**” with respect to the Notes:

- (a) default in any payment of interest on any Note when due and payable, and the default continues for a period of 30 days;
- (b) default in the payment of principal of any Note when due and payable on the Maturity Date, upon Optional Redemption, upon any required repurchase, upon declaration of acceleration or otherwise;
- (c) failure by the Company to comply with its obligation to convert the Notes in accordance with this Indenture upon exercise of a Holder’s conversion right, and such failure continues for three Business Days;
- (d) failure by the Company to issue (i) a Fundamental Change Company Notice in accordance with Section 15.02(c) or notice of a Make-Whole Fundamental Change in accordance with Section 14.03, in either case when due, and such failure continues for five Business Days, (ii) notice of a specified corporate event in accordance with Section 14.01(b)(iv) when due, and such failure continues for two Business Days or (iii) notice of a specified corporate event in accordance with Section 14.01(b)(iii) when due;
- (e) failure by the Company to comply with its obligations under Article 11;

(f) failure by the Company for 60 days after written notice from the Trustee or the Holders of at least 25% in principal amount of the Notes then outstanding has been received by the Company to comply with any of its other agreements contained in the Notes or this Indenture;

(g) default by the Company or any Significant Subsidiary of the Company with respect to any mortgage, agreement or other instrument under which there may be outstanding, or by which there may be secured or evidenced, any indebtedness for money borrowed in excess of \$100,000,000 (or its foreign currency equivalent) in the aggregate of the Company and/or any such Significant Subsidiary, whether such indebtedness now exists or shall hereafter be created (i) resulting in such indebtedness becoming or being declared due and payable prior to its stated maturity or (ii) constituting a failure to pay the principal of any such debt when due and payable at its stated maturity, upon required repurchase, upon declaration of acceleration or otherwise, in each case, after the expiration of any applicable grace period, in each case of the events described in clause (i) or (ii) of this Section 6.01(g), as applicable, if such acceleration shall not have been rescinded or annulled or such failure to pay or default shall not have been cured or waived, or such indebtedness shall not have been paid or discharged, as the case may be, within 30 days after written notice to the Company by the Trustee or to the Company and the Trustee by Holders of at least 25% in aggregate principal amount of Notes then outstanding in accordance with this Indenture;

(h) the Company or any Significant Subsidiary shall commence a voluntary case or other proceeding seeking liquidation, reorganization or other relief with respect to the Company or any such Significant Subsidiary or its debts under any bankruptcy, insolvency or other similar law now or hereafter in effect or seeking the appointment of a trustee, receiver, liquidator, custodian or other similar official of the Company or any such Significant Subsidiary or any substantial part of its property, or shall consent to any such relief or to the appointment of or taking possession by any such official in an involuntary case or other proceeding commenced against it, or shall make a general assignment for the benefit of creditors, or shall publicly admit in writing that it generally is not paying, or is unable to pay, its debts as they become due; or

(i) an involuntary case or other proceeding shall be commenced against the Company or any Significant Subsidiary seeking liquidation, reorganization or other relief with respect to the Company or such Significant Subsidiary or its debts under any bankruptcy, insolvency or other similar law now or hereafter in effect or seeking the appointment of a trustee, receiver, liquidator, custodian or other similar official of the Company or such Significant Subsidiary or any substantial part of its property, and such involuntary case or other proceeding shall remain undismissed and unstayed for a period of 60 consecutive days.

Section 6.02. *Acceleration; Rescission and Annulment.* If one or more Events of Default shall have occurred and be continuing (whatever the reason for such Event of Default and whether it shall be voluntary or involuntary or be effected by operation of law or pursuant to any judgment, decree or order of any court or any order, rule or regulation of any administrative or governmental body), then, and in each and every such

case (other than an Event of Default specified in Section 6.01(h) or Section 6.01(i) with respect to the Company), unless the principal of all of the Notes shall have already become due and payable, either the Trustee or the Holders of at least 25% in aggregate principal amount of the Notes then outstanding determined in accordance with Section 8.04, by notice in writing to the Company (and to the Trustee if given by Holders), may declare 100% of the principal of, and accrued and unpaid interest on, all the Notes to be due and payable immediately, and upon any such declaration the same shall become and shall automatically be immediately due and payable, anything contained in this Indenture or in the Notes to the contrary notwithstanding. If an Event of Default specified in Section 6.01(h) or Section 6.01(i) with respect to the Company occurs and is continuing, 100% of the principal of, and accrued and unpaid interest, if any, on, all Notes shall become and shall automatically be immediately due and payable.

The immediately preceding paragraph, however, is subject to the conditions that if, at any time after the principal of the Notes shall have been so declared due and payable, and before any judgment or decree for the payment of the monies due shall have been obtained or entered as hereinafter provided, the Company shall pay or shall deposit with the Trustee a sum sufficient to pay installments of accrued and unpaid interest upon all Notes and the principal of any and all Notes that shall have become due otherwise than by acceleration (with interest on overdue installments of accrued and unpaid interest to the extent that payment of such interest is enforceable under applicable law, and on such principal at the rate borne by the Notes at such time) and amounts due to the Trustee pursuant to Section 7.06, and if (1) rescission would not conflict with any judgment or decree of a court of competent jurisdiction and (2) any and all existing Events of Default under this Indenture, other than any continuing Events of Default relating to the nonpayment of the principal of and accrued and unpaid interest, if any, on Notes that shall have become due solely by such acceleration, shall have been cured or waived pursuant to Section 6.09, then and in every such case (except as provided in the immediately succeeding sentence) the Holders of a majority in aggregate principal amount of the Notes then outstanding, by written notice to the Company and to the Trustee, may waive all Defaults or Events of Default with respect to the Notes and rescind and annul such declaration and its consequences and such Default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured for every purpose of this Indenture; but no such waiver or rescission and annulment shall extend to or shall affect any subsequent Default or Event of Default, or shall impair any right consequent thereon. Notwithstanding anything to the contrary herein, no such waiver or rescission and annulment shall extend to or shall affect any Default or Event of Default resulting from (i) the nonpayment of the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, or accrued and unpaid interest on, any Notes, (ii) a failure to repurchase any Notes when required or (iii) a failure to pay or deliver, as the case may be, the consideration due upon conversion of the Notes.

Section 6.03. *Additional Interest.* Notwithstanding anything in this Indenture or in the Notes to the contrary, to the extent the Company elects, the sole remedy for an Event of Default relating to the Company's failure to comply with its obligations as set forth in Section 4.06(b) shall after the occurrence of such an Event of Default consist

exclusively of the right to receive Additional Interest on the Notes at a rate equal to: (i) 0.25% per annum of the principal amount of the Notes outstanding for each day during the period beginning on, and including, the date on which such Event of Default first occurs and ending on the earlier of (x) the date on which such Event of Default is cured or validly waived in accordance with this Article 6 and (y) the 180th day immediately following, and including, the date on which such Event of Default first occurs and (ii) if such Event of Default has not been cured or validly waived prior to the 181st day immediately following, and including, the date on which such Event of Default first occurs, 0.50% per annum of the principal amount of Notes outstanding for each day during the period beginning on, and including, the 181st day immediately following, and including, the date on which such Event of Default first occurs and ending on the earlier of (x) the date on which the Event of Default is cured or validly waived in accordance with this Article 6 and (y) the 365th day immediately following, and including, the date on which such Event of Default first occurs. Additional Interest payable pursuant to this Section 6.03 shall be in addition to, not in lieu of, any Additional Interest payable pursuant to Section 4.06(d) or Section 4.06(e), subject to the second immediately succeeding paragraph. If the Company so elects, such Additional Interest shall be payable in the same manner and on the same dates as the stated interest payable on the Notes and shall accrue on all outstanding Notes from, and including, the date on which the Event of Default relating to the Company's failure to comply with its obligations as set forth in Section 4.06(b) first occurs to, and including, the 365th day thereafter (or such earlier date on which such Event of Default is cured or validly waived in accordance with this Article 6). On the 366th day after such Event of Default (if the Event of Default relating to the Company's failure to comply with its obligations as set forth in Section 4.06(b) is not cured or validly waived in accordance with this Article 6 prior to such 366th day), such Additional Interest shall cease to accrue and the Notes shall be immediately subject to acceleration as provided in Section 6.02. The provisions of this paragraph will not affect the rights of Holders of Notes in the event of the occurrence of any Event of Default other than the Company's failure to comply with its obligations as set forth in Section 4.06(b). In the event the Company does not elect to pay Additional Interest following an Event of Default in accordance with this Section 6.03 or the Company has elected to make such payment but does not pay the Additional Interest when due, the Notes shall be immediately subject to acceleration as provided in Section 6.02.

In order to elect to pay Additional Interest as the sole remedy during the first 365 days after the occurrence of any Event of Default described in the immediately preceding paragraph, the Company must notify all Holders of the Notes, the Trustee and the Paying Agent in an Officer's Certificate (consistent with Section 4.06(h)) of such election on or before the open of business on the date on which such Event of Default first occurs. Upon the failure to timely give such notice, the Notes shall be immediately subject to acceleration as provided in Section 6.02.

In no event shall Additional Interest payable at the Company's election as the remedy for an Event of Default relating to the Company's failure to comply with its obligations as set forth in Section 4.06(b), together with any Additional Interest that may accrue as a result of the Company's failure to timely file any document or report that it is required to file with the Commission pursuant to Section 13 or 15(d) of the Exchange

Act, as applicable, after giving effect to all applicable grace periods thereunder and other than reports on Form 8-K, pursuant to Section 4.06(d), accrue at a rate in excess of 0.50% per annum pursuant to this Indenture, regardless of the number of events or circumstances giving rise to the requirement to pay such Additional Interest.

The Company shall send written notice to the Holder of each Note and the Trustee of the commencement and termination of any period on which Additional Interest accrues on such Note under any provision of this Indenture.

Section 6.04. *Payments of Notes on Default; Suit Therefor.* If an Event of Default described in clause (a) or (b) of Section 6.01 shall have occurred, the Company shall, upon demand of the Trustee, pay to the Trustee, for the benefit of the Holders of the Notes, the whole amount then due and payable on the Notes for principal and interest, if any, with interest on any overdue principal and interest, if any, at the rate borne by the Notes at such time, and, in addition thereto, such further amount as shall be sufficient to cover any amounts due to the Trustee under Section 7.06. If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or any other obligor upon the Notes and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or any other obligor upon the Notes, wherever situated.

In the event there shall be pending proceedings for the bankruptcy or for the reorganization of the Company or any other obligor on the Notes under Title 11 of the United States Code, or any other applicable law, or in case a receiver, assignee or trustee in bankruptcy or reorganization, liquidator, sequestrator or similar official shall have been appointed for or taken possession of the Company, the property of the Company, or in the event of any other judicial proceedings relative to the Company, or to the creditors or property of the Company, the Trustee, irrespective of whether the principal of the Notes shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand pursuant to the provisions of this Section 6.04, shall be entitled and empowered, by intervention in such proceedings or otherwise, to file and prove a claim or claims for the whole amount of principal and accrued and unpaid interest, if any, in respect of the Notes, and, in case of any judicial proceedings, to file such proofs of claim and other papers or documents and to take such other actions as it may deem necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and of the Holders allowed in such judicial proceedings relative to the Company, its creditors, or its property, and to collect and receive any monies or other property payable or deliverable on any such claims, and to distribute the same after the deduction of any amounts due to the Trustee under Section 7.06; and any receiver, assignee or trustee in bankruptcy or reorganization, liquidator, custodian or similar official is hereby authorized by each of the Holders to make such payments to the Trustee, as administrative expenses, and, in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due it for reasonable compensation, expenses,

advances and disbursements, including agents and counsel fees, and including any other amounts due to the Trustee under Section 7.06, incurred by it up to the date of such distribution. To the extent that such payment of reasonable compensation, expenses, advances and disbursements out of the estate in any such proceedings shall be denied for any reason, payment of the same shall be secured by a lien on, and shall be paid out of, any and all distributions, dividends, monies, securities and other property that the Holders of the Notes may be entitled to receive in such proceedings, whether in liquidation or under any plan of reorganization or arrangement or otherwise.

Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, arrangement, adjustment or composition affecting such Holder or the rights of any Holder thereof, or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding.

All rights of action and of asserting claims under this Indenture, or under any of the Notes, may be enforced by the Trustee without the possession of any of the Notes, or the production thereof at any trial or other proceeding relative thereto, and any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for the payment of the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, be for the ratable benefit of the Holders of the Notes.

In any proceedings brought by the Trustee (and in any proceedings involving the interpretation of any provision of this Indenture to which the Trustee shall be a party) the Trustee shall be held to represent all the Holders of the Notes, and it shall not be necessary to make any Holders of the Notes parties to any such proceedings.

In case the Trustee shall have proceeded to enforce any right under this Indenture and such proceedings shall have been discontinued or abandoned because of any waiver pursuant to Section 6.09 or any rescission and annulment pursuant to Section 6.02 or for any other reason or shall have been determined adversely to the Trustee, then and in every such case the Company, the Holders and the Trustee shall, subject to any determination in such proceeding, be restored respectively to their several positions and rights hereunder, and all rights, remedies and powers of the Company, the Holders and the Trustee shall continue as though no such proceeding had been instituted.

Section 6.05. *Application of Monies Collected by Trustee.* Any monies or property collected by the Trustee pursuant to this Article 6 with respect to the Notes shall be applied in the following order, at the date or dates fixed by the Trustee for the distribution of such monies or property, upon presentation of the several Notes, and stamping thereon the payment, if only partially paid, and upon surrender thereof, if fully paid:

First, to the payment of all amounts due the Trustee, including its agents and counsel, under Section 7.06;

Second, in case the principal of the outstanding Notes shall not have become due and be unpaid, to the payment of interest on, and any cash due upon conversion of, the Notes in default in the order of the date due of the payments of such interest and cash due upon conversion, as the case may be, with interest (to the extent that such interest has been collected by the Trustee) upon such overdue payments at the rate borne by the Notes at such time, such payments to be made ratably to the Persons entitled thereto;

Third, in case the principal of the outstanding Notes shall have become due, by declaration or otherwise, and be unpaid to the payment of the whole amount (including, if applicable, the payment of the Redemption Price, the Fundamental Change Repurchase Price and any cash due upon conversion) then owing and unpaid upon the Notes for principal and interest, if any, with interest on the overdue principal and, to the extent that such interest has been collected by the Trustee, upon overdue installments of interest at the rate borne by the Notes at such time, and in case such monies shall be insufficient to pay in full the whole amounts so due and unpaid upon the Notes, then to the payment of such principal (including, if applicable, the Redemption Price, the Fundamental Change Repurchase Price and any cash due upon conversion) and interest without preference or priority of principal over interest, or of interest over principal or of any installment of interest over any other installment of interest, or of any Note over any other Note, ratably to the aggregate of such principal (including, if applicable, the Redemption Price, the Fundamental Change Repurchase Price and any cash due upon conversion) and accrued and unpaid interest; and

Fourth, to the payment of the remainder, if any, to the Company.

Section 6.06. *Proceedings by Holders*. Except to enforce the right to receive payment of principal (including, if applicable, the Redemption Price and the Fundamental Change Repurchase Price) or interest when due, or the right to receive payment or delivery of the consideration due upon conversion, no Holder of any Note shall have any right by virtue of or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture, or for the appointment of a receiver, trustee, liquidator, custodian or other similar official, or for any other remedy hereunder, unless:

(a) such Holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof, as herein provided;

(b) Holders of at least 25% in aggregate principal amount of the Notes then outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as Trustee hereunder;

(c) such Holders shall have offered and, if requested, provided to the Trustee such security or indemnity satisfactory to Trustee in its reasonable judgment against any loss, liability or expense to be incurred therein or thereby;

(d) the Trustee for 60 days after its receipt of such notice, request and offer of such security or indemnity, shall have neglected or refused to institute any such action, suit or proceeding; and

(e) no direction that, in the opinion of the Trustee, is inconsistent with such written request shall have been given to the Trustee by the Holders of a majority of the aggregate principal amount of the Notes then outstanding within such 60-day period pursuant to Section 6.09,

it being understood and intended, and being expressly covenanted by the taker and Holder of every Note with every other taker and Holder and the Trustee that no one or more Holders shall have any right in any manner whatever by virtue of or by availing of any provision of this Indenture to affect, disturb or prejudice the rights of any other Holder, or to obtain or seek to obtain priority over or preference to any other such Holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all Holders (except as otherwise provided herein). For the protection and enforcement of this Section 6.06, each and every Holder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

Notwithstanding any other provision of this Indenture and any provision of any Note, each Holder shall have the contractual right to receive payment or delivery, as the case may be, of (x) the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, (y) accrued and unpaid interest, if any, on, and (z) the consideration due upon conversion of, such Note, on or after the respective due dates expressed or provided for in such Note or in this Indenture, and the contractual right to institute suit for the enforcement of any such payment or delivery, as the case may be, on or after such respective dates, shall not be amended without the consent of each Holder.

Section 6.07. *Proceedings by Trustee.* In case of an Event of Default, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as are necessary to protect and enforce any of such rights, either by suit in equity or by action at law or by proceeding in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in this Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law. The Trustee may maintain a proceeding even if it does not possess the Notes or does not produce the Notes in the proceeding.

Section 6.08. *Remedies Cumulative and Continuing.* Except as provided in the last paragraph of Section 2.06, all powers and remedies given by this Article 6 to the Trustee or to the Holders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any thereof or of any other powers and remedies available to the Trustee or the Holders of the Notes, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture, and no delay or omission of the Trustee or of any Holder of any of the Notes to exercise any right or power accruing upon any Default or Event of Default shall impair any such

right or power, or shall be construed to be a waiver of any such Default or Event of Default or any acquiescence therein; and, subject to the provisions of Section 6.06, every power and remedy given by this Article 6 or by law to the Trustee or to the Holders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Holders.

Section 6.09. *Direction of Proceedings and Waiver of Defaults by Majority of Holders.* The Holders of a majority of the aggregate principal amount of the Notes at the time outstanding determined in accordance with Section 8.04 shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee or exercising any trust or power conferred on the Trustee with respect to the Notes; *provided, however*, that (a) such direction shall not be in conflict with any rule of law or with this Indenture, and (b) the Trustee may take any other action deemed proper by the Trustee that is not inconsistent with such direction. The Trustee may refuse to follow any direction that it determines is unduly prejudicial to the rights of any other Holder or that would involve the Trustee in personal liability (it being understood that the Trustee does not have an affirmative duty to determine whether any direction is prejudicial to any Holder) or for which it has not received indemnity or security satisfactory to the Trustee in its reasonable judgement against any loss, liability or expense. The Holders of a majority in aggregate principal amount of the Notes at the time outstanding determined in accordance with Section 8.04 may on behalf of the Holders of all of the Notes (x) waive any past Default or Event of Default hereunder and its consequences except (i) a default in the payment of accrued and unpaid interest, if any, on, or the principal (including any Redemption Price and any Fundamental Change Repurchase Price) of, the Notes when due that has not been cured pursuant to the provisions of Section 6.01, (ii) a failure by the Company to pay or deliver, as the case may be, the consideration due upon conversion of the Notes or (iii) a default in respect of a covenant or provision hereof which under Article 10 cannot be modified or amended without the consent of each Holder of an outstanding Note affected; and (y) rescind any resulting acceleration of the Notes and its consequences if (i) such rescission would not conflict with any judgment or decree of a court of competent jurisdiction and (ii) all existing Events of Default (other than nonpayment of the principal of, and interest on, the Notes that have become due solely by such acceleration) have been cured or waived. Upon any such waiver the Company, the Trustee and the Holders of the Notes shall be restored to their former positions and rights hereunder; but no such waiver shall extend to any subsequent or other Default or Event of Default or impair any right consequent thereon. Whenever any Default or Event of Default hereunder shall have been waived as permitted by this Section 6.09, said Default or Event of Default shall for all purposes of the Notes and this Indenture be deemed to have been cured and to be not continuing; but no such waiver shall extend to any subsequent or other Default or Event of Default or impair any right consequent thereon.

Section 6.10. *Notice of Defaults.* The Trustee shall, after the occurrence and continuance of a Default of which a Responsible Officer has actual knowledge, deliver to all Holders notice of such Default within 90 days after such Responsible Officer obtains such knowledge, unless such Defaults shall have been cured or waived before the giving of such notice; *provided* that, except in the case of a Default in the payment of the

principal of (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable), or accrued and unpaid interest on, any of the Notes or a Default in the payment or delivery of the consideration due upon conversion, the Trustee shall be protected in withholding such notice if and so long as a Responsible Officer of the Trustee in good faith determines that the withholding of such notice is in the interests of the Holders.

Section 6.11. *Undertaking to Pay Costs.* All parties to this Indenture agree, and each Holder of any Note by its acceptance thereof shall be deemed to have agreed, that any court may, in its discretion, require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; *provided* that the provisions of this Section 6.11 (to the extent permitted by law) shall not apply to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 10% in principal amount of the Notes at the time outstanding determined in accordance with Section 8.04, or to any suit instituted by any Holder for the enforcement of the payment of the principal of or accrued and unpaid interest, if any, on any Note (including, but not limited to, the Redemption Price and the Fundamental Change Repurchase Price, if applicable) on or after the due date expressed or provided for in such Note or to any suit for the enforcement of the right to convert any Note, or receive the consideration due upon conversion, in accordance with the provisions of Article 14.

ARTICLE 7 CONCERNING THE TRUSTEE

Section 7.01. *Duties and Responsibilities of Trustee.* The Trustee, prior to the occurrence of an Event of Default of which a Responsible Officer of the Trustee has actual knowledge and after the curing or waiver of all Events of Default that may have occurred, undertakes to perform such duties and only such duties as are specifically set forth in this Indenture. If an Event of Default has occurred and is continuing, the Trustee shall exercise such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in its exercise, as a prudent person would exercise or use under the circumstances in the conduct of such person's own affairs under the same circumstances; *provided* that the Trustee will be under no obligation to exercise any of the rights or powers under this Indenture at the request or direction of any of the Holders unless such Holders have offered to the Trustee indemnity or security satisfactory to Trustee in its reasonable judgment against any loss, liability or expense that might be incurred by it in compliance with such request or direction.

No provision of this Indenture shall be construed to relieve the Trustee from liability for its own grossly negligent action, its own grossly negligent failure to act or its own willful misconduct, except that:

(a) prior to the occurrence of an Event of Default and after the curing or waiving of all Events of Default that may have occurred:

(i) the duties and obligations of the Trustee shall be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable except for the performance of such duties and obligations as are specifically set forth in this Indenture and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of gross negligence or willful misconduct on the part of the Trustee, the Trustee may conclusively rely, without investigation, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture, but need not verify the contents thereof; however, in the case of any such certificates or opinions that by any provisions hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform on their face to the requirements of this Indenture (but need not confirm or investigate the accuracy of any mathematical calculations or other facts stated therein);

(b) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer or Officers of the Trustee, unless it shall be proved that the Trustee was grossly negligent in ascertaining the pertinent facts;

(c) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the Holders of not less than a majority of the aggregate principal amount of the Notes at the time outstanding determined as provided in Section 8.04 relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee, under this Indenture;

(d) whether or not therein provided, every provision of this Indenture relating to the conduct or affecting the liability of, or affording protection to, the Trustee shall be subject to the provisions of this Section;

(e) the Trustee shall not be liable in respect of any payment (as to the correctness of amount, entitlement to receive or any other matters relating to payment) or notice effected by the Company or any Paying Agent or any records maintained by any co-Note Registrar with respect to the Notes;

(f) if any party fails to deliver a notice relating to an event the fact of which, pursuant to this Indenture, requires notice to be sent to the Trustee, the Trustee may conclusively rely on its failure to receive such notice as reason to act as if no such event occurred;

(g) in the absence of written investment direction from the Company, all cash received by the Trustee shall be placed in a non-interest bearing trust account, and in no event shall the Trustee be liable for the selection of investments or for investment losses incurred thereon or for losses incurred as a result of the liquidation of any such investment prior to its maturity date or the failure of the party directing such investments prior to its maturity date or the failure of the party directing such investment to provide timely written investment direction, and the Trustee shall have no obligation to invest or reinvest any amounts held hereunder in the absence of such written investment direction from the Company; and

(h) in the event that the Trustee is also acting as Custodian, Note Registrar, Paying Agent, Conversion Agent or transfer agent hereunder, the rights and protections afforded to the Trustee pursuant to this Article 7 shall also be afforded to such Custodian, Note Registrar, Paying Agent, Conversion Agent or transfer agent.

None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers.

Section 7.02. *Rights of the Trustee.* Except as otherwise provided in Section 7.01:

(a) The Trustee may conclusively rely and shall be fully protected in acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, judgment, bond, note, coupon or other paper or document (whether in original or facsimile form) believed by it in good faith to be genuine and to have been signed or presented by the proper party or parties.

(b) Any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by an Officer's Certificate (unless other evidence in respect thereof be herein specifically prescribed); and any Board Resolution may be evidenced to the Trustee by a copy thereof certified by the Secretary or an Assistant Secretary of the Company. Before the Trustee acts or refrains from acting, it may require an Officer's Certificate or an Opinion of Counsel or both. The Trustee shall not be liable for any action it takes or omits to take in good faith in reliance on such Officer's Certificate or Opinion of Counsel.

(c) The Trustee may consult with counsel and require an Opinion of Counsel and any advice of such counsel or Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or omitted by it hereunder in good faith and in reliance on such advice or Opinion of Counsel.

(d) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, judgment, bond, debenture or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit, and, if the Trustee shall determine in its reasonable judgment to make such further inquiry or investigation, it shall be entitled, at a reasonable time on any Business Day after reasonable notice, to examine the books, records and premises of the Company, personally or by agent or attorney at the expense of the Company and shall incur no liability of any kind by reason of such inquiry or investigation.

(e) The Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents, custodians, nominees or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent, custodian, nominee or attorney appointed by it with due care hereunder, and the permissive rights of the Trustee enumerated herein shall not be construed as duties.

(f) The Trustee shall not be required to give any bond or surety in respect of the execution of the trusts and powers under this Indenture.

(g) The Trustee may request that the Company deliver an Officer's Certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture, which Officer's Certificate may be signed by any Person authorized to sign an Officer's Certificate, including any Person specified as so authorized in any such certificate previously delivered and not superseded.

(h) The Trustee shall not be deemed to have notice or knowledge of any Default or Event of Default, unless written notice of any event which is in fact such a Default or Event of Default (and stating the occurrence of a Default or Event of Default) is actually received by the Trustee at the Corporate Trust Office of the Trustee, and such notice references the Notes and this Indenture and states that it is a notice of Default or Event of Default.

(i) Reserved.

(j) Reserved.

(k) Neither the Trustee nor any of its directors, officers, employees, agents or affiliates shall be responsible for nor have any duty to monitor the performance or any action of the Company, or any of their respective directors, members, officers, agents, affiliates or employee, nor shall it have any liability in connection with the malfeasance or nonfeasance by such party. The Trustee shall not be responsible for any inaccuracy in the information obtained from the Company or for any inaccuracy or omission in the records which may result from such information or any failure by the Trustee to perform its duties as set forth herein as a result of any inaccuracy or incompleteness.

(l) In no event shall the Trustee be responsible or liable for punitive, special, indirect, incidental or any consequential loss or damage of any kind whatsoever (including but not limited to lost profits), even if the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action.

(m) Neither the Trustee nor any agent shall have any responsibility or liability for any actions taken or not taken by the Depositary.

Section 7.03. *No Responsibility for Recitals, Etc.* The recitals contained herein and in the Notes (except in the Trustee's certificate of authentication) shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same. The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Notes or other transaction documents relating to the Notes and this Indenture. The Trustee shall not be accountable for the use or application by the Company of any Notes or the proceeds of any Notes authenticated and delivered by the Trustee in conformity with the provisions of this Indenture or for any money paid to the Company or upon the Company's direction under any provision of this Indenture.

Section 7.04. *Trustee, Paying Agents, Conversion Agents, Bid Solicitation Agent or Note Registrar May Own Notes.* The Trustee, any Paying Agent, any Conversion Agent, Bid Solicitation Agent or Note Registrar (in each case, if other than an Affiliate of the Company), in its individual or any other capacity, may become the owner or pledgee of Notes with the same rights it would have if it were not the Trustee, Paying Agent, Conversion Agent, Bid Solicitation Agent or Note Registrar.

Section 7.05. *Monies and Shares of Common Stock to Be Held in Trust.* All monies and shares of Common Stock, if any, received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received. Money and shares of Common Stock, if any, held by the Trustee in trust hereunder need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any money received by it hereunder except as may be agreed from time to time by the Company and the Trustee.

Section 7.06. *Compensation and Expenses of Trustee.* The Company covenants and agrees to pay to the Trustee from time to time, and the Trustee shall be entitled to, compensation for all services rendered by it hereunder in any capacity (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust) as mutually agreed to in writing between the Trustee and the Company, and the Company will pay or reimburse the Trustee upon its request for all expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture in any capacity thereunder (including the compensation and the reasonable expenses and disbursements of its agents and counsel and of all Persons not regularly in its employ and including costs in connection with enforcement of its right to indemnity hereunder) except any such expense, disbursement or advance as shall have been caused by its gross negligence or willful misconduct as determined by a final order of a court of competent jurisdiction. The Company also covenants to indemnify the Trustee in any capacity under this Indenture and any other document or transaction entered into in connection herewith and its agents and any authenticating agent for, and to hold them harmless against, any loss, claim, damage, liability or expense (including attorneys' fees) incurred without gross negligence or willful misconduct on the part of the Trustee, its officers, directors or employees, as the case may be, as determined by a final order of a court of competent jurisdiction, and arising out of or in connection with the acceptance or administration of this Indenture or in any other capacity hereunder (whether such claims arise by or against the Company or a third person), including the reasonable costs and expenses of defending themselves against any claim of liability in

the premises or enforcing the Company's obligations hereunder, including under this Section 7.06. The obligations of the Company under this Section 7.06 to compensate or indemnify the Trustee and to pay or reimburse the Trustee for expenses, disbursements and advances shall be secured by a senior claim to which the Notes are hereby made subordinate on all money or property held or collected by the Trustee, except, subject to the effect of Section 6.05, funds held in trust herewith for the benefit of the Holders of particular Notes. The Trustee's right to receive payment of any amounts due under this Section 7.06 shall not be subordinate to any other liability or indebtedness of the Company. The obligation of the Company under this Section 7.06 shall survive the satisfaction and discharge of this Indenture, the payment or conversion of the Notes and the earlier resignation or removal of the Trustee. The Company need not pay for any settlement made without its consent, which consent shall not be unreasonably withheld. The indemnification provided in this Section 7.06 shall extend to the officers, directors, agents and employees of the Trustee.

Without prejudice to any other rights available to the Trustee under applicable law, when the Trustee and its agents and any authenticating agent incur expenses or render services after an Event of Default specified in Section 6.01(h) or Section 6.01(i) occurs, the expenses and the compensation for the services are intended to constitute administrative expenses for the purpose of priority under any bankruptcy, insolvency or similar laws.

Section 7.07. *Officer's Certificate as Evidence.* Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or omitting any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of gross negligence or willful misconduct on the part of the Trustee, be deemed to be conclusively proved and established by an Officer's Certificate delivered to the Trustee, and such Officer's Certificate, in the absence of gross negligence or willful misconduct on the part of the Trustee, shall be full warrant to the Trustee for any action taken or omitted by it under the provisions of this Indenture upon the faith thereof.

Section 7.08. *Eligibility of Trustee.* There shall at all times be a Trustee hereunder which shall be a Person that is eligible pursuant to the Trust Indenture Act (as if the Trust Indenture Act were applicable hereto) to act as such and has a combined capital and surplus of at least \$50,000,000. If such Person publishes reports of condition at least annually, pursuant to law or to the requirements of any supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such Person shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, it shall resign immediately in the manner and with the effect hereinafter specified in this Article.

Section 7.09. *Resignation or Removal of Trustee.* (a) The Trustee may at any time resign by giving written notice of such resignation to the Company. Upon receiving such notice of resignation, the Company shall promptly notify all Holders and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee. If no successor trustee shall have been so appointed and have accepted appointment within 30 days after the giving of such notice of resignation to the Company, the resigning Trustee may, upon ten Business Days' notice to the Company and the Holders, and at the expense of the Company petition any court of competent jurisdiction for the appointment of a successor trustee, or any Holder who has been a bona fide holder of a Note or Notes for at least six months (or since the date of this Indenture) may, subject to the provisions of Section 6.11, on behalf of himself or herself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon, after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any of the following shall occur:

(i) the Trustee shall cease to be eligible in accordance with the provisions of Section 7.08 and shall fail to resign after written request therefor by the Company or by any such Holder, or

(ii) the Trustee shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or a receiver of the Trustee or of its property shall be appointed, or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation,

then, in either case, the Company may by a Board Resolution remove the Trustee and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, subject to the provisions of Section 6.11, any Holder who has been a bona fide holder of a Note or Notes for at least six months (or since the date of this Indenture) may, on behalf of himself or herself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon, after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee.

(c) The Holders of a majority in aggregate principal amount of the Notes at the time outstanding, as determined in accordance with Section 8.04, may, at any time upon 30 days' prior written notice, remove the Trustee and nominate a successor trustee that shall be deemed appointed as successor trustee unless within ten days after notice to the Company of such nomination the Company objects thereto, in which case the Trustee so removed or any Holder, upon the terms and conditions and otherwise as in Section 7.09(a) provided, may petition any court of competent jurisdiction for an appointment of a successor trustee.

(d) Any resignation or removal of the Trustee and appointment of a successor trustee pursuant to any of the provisions of this Section 7.09 shall become effective upon acceptance of appointment by the successor trustee as provided in Section 7.10.

Section 7.10. *Acceptance by Successor Trustee.* Any successor trustee appointed as provided in Section 7.09 shall execute, acknowledge and deliver to the Company and to its predecessor trustee an instrument accepting such appointment hereunder, and thereupon the resignation or removal of the predecessor trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, duties and obligations of its predecessor hereunder, with like effect as if originally named as Trustee herein; but, nevertheless, on the written request of the Company or of the successor trustee, the trustee ceasing to act shall, upon payment of any amounts then due it pursuant to the provisions of Section 7.06, execute and deliver an instrument transferring to such successor trustee all the rights and powers of the trustee so ceasing to act. Upon request of any such successor trustee, the Company shall execute any and all instruments in writing for more fully and certainly vesting in and confirming to such successor trustee all such rights and powers. Any trustee ceasing to act shall, nevertheless, retain a senior lien to which the Notes are hereby made subordinate on all money or property held or collected by such trustee as such, except for funds held in trust for the benefit of Holders of particular Notes, to secure any amounts then due it pursuant to the provisions of Section 7.06.

No successor trustee shall accept appointment as provided in this Section 7.10 unless at the time of such acceptance such successor trustee shall be eligible under the provisions of Section 7.08.

Upon acceptance of appointment by a successor trustee as provided in this Section 7.10, each of the Company and the successor trustee, at the written direction and at the expense of the Company shall deliver or cause to be delivered notice of the succession of such trustee hereunder to the Holders. If the Company fails to deliver such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be delivered at the expense of the Company.

Section 7.11. *Succession by Merger, Etc.* Any corporation or other entity into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation or other entity resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation or other entity succeeding to all or substantially all of the corporate trust business of the Trustee (including the administration of this Indenture), shall be the successor to the Trustee hereunder without the execution or filing of any paper or any further act on the part of any of the parties hereto; *provided* that in the case of any corporation or other entity succeeding to all or substantially all of the corporate trust business of the Trustee such corporation or other entity shall be eligible under the provisions of Section 7.08.

In case at the time such successor to the Trustee shall succeed to the trusts created by this Indenture, any of the Notes shall have been authenticated but not delivered, any such successor to the Trustee may adopt the certificate of authentication of any predecessor trustee or authenticating agent appointed by such predecessor trustee, and deliver such Notes so authenticated; and in case at that time any of the Notes shall not have been authenticated, any successor to the Trustee or an authenticating agent appointed by such successor trustee may authenticate such Notes either in the name of

any predecessor trustee hereunder or in the name of the successor trustee; and in all such cases such certificates shall have the full force which it is anywhere in the Notes or in this Indenture provided that the certificate of the Trustee shall have; *provided, however*, that the right to adopt the certificate of authentication of any predecessor trustee or to authenticate Notes in the name of any predecessor trustee shall apply only to its successor or successors by merger, conversion or consolidation.

ARTICLE 8 CONCERNING THE HOLDERS

Section 8.01. *Action by Holders.* Whenever in this Indenture it is provided that the Holders of a specified percentage of the aggregate principal amount of the Notes may take any action (including the making of any demand or request, the giving of any notice, consent or waiver or the taking of any other action), the fact that at the time of taking any such action, the Holders of such specified percentage have joined therein may be evidenced (a) by any instrument or any number of instruments of similar tenor executed by Holders in person or by agent or proxy appointed in writing, or (b) by the record of the Holders voting in favor thereof at any meeting of Holders duly called and held in accordance with the provisions of Article 9, or (c) by a combination of such instrument or instruments and any such record of such a meeting of Holders. Whenever the Company solicits the taking of any action by the Holders of the Notes, the Company may, but shall not be required to, fix in advance of such solicitation, a date as the record date for determining Holders entitled to take such action. The record date if one is selected shall be not more than fifteen days prior to the date of commencement of solicitation of such action.

Section 8.02. *Proof of Execution by Holders.* Subject to the provisions of Section 7.01, Section 7.02 and Section 9.05, proof of the execution of any instrument by a Holder or its agent or proxy shall be sufficient if made in accordance with such reasonable rules and regulations as may be prescribed by the Trustee or in such manner as shall be satisfactory to the Trustee. The holding of Notes shall be proved by the Note Register or by a certificate of the Note Registrar. The record of any Holders' meeting shall be proved in the manner provided in Section 9.06.

Section 8.03. *Who Are Deemed Absolute Owners.* The Company, the Trustee, any authenticating agent, any Paying Agent, any Conversion Agent and any Note Registrar may deem the Person in whose name a Note shall be registered upon the Note Register to be, and may treat it as, the absolute owner of such Note (whether or not such Note shall be overdue and notwithstanding any notation of ownership or other writing thereon made by any Person other than the Company or any Note Registrar) for the purpose of receiving payment of or on account of the principal (including any Redemption Price and any Fundamental Change Repurchase Price) of and (subject to Section 2.03) accrued and unpaid interest on such Note, for conversion of such Note and for all other purposes; and neither the Company nor the Trustee nor any Paying Agent nor any Conversion Agent nor any Note Registrar shall be affected by any notice to the contrary. All such payments or deliveries so made to any Holder for the time being, or upon its order, shall be valid, and, to the extent of the sums or shares of Common Stock

so paid or delivered, effectual to satisfy and discharge the liability for monies payable or shares deliverable upon any such Note. Notwithstanding anything to the contrary in this Indenture or the Notes following an Event of Default, any holder of a beneficial interest in a Global Note may directly enforce against the Company, without the consent, solicitation, proxy, authorization or any other action of the Depositary or any other Person, such holder's right to exchange such beneficial interest for a Note in certificated form in accordance with the provisions of this Indenture.

Section 8.04. *Company-Owned Notes Disregarded.* In determining whether the Holders of the requisite aggregate principal amount of Notes have concurred in any direction, consent, waiver or other action under this Indenture, Notes that are owned by the Company, by any Subsidiary thereof or by any Affiliate of the Company or any Subsidiary thereof shall be disregarded and deemed not to be outstanding for the purpose of any such determination; *provided* that for the purposes of determining whether the Trustee shall be protected in relying on any such direction, consent, waiver or other action only Notes that a Responsible Officer actually knows are so owned shall be so disregarded. Notes so owned that have been pledged in good faith may be regarded as outstanding for the purposes of this Section 8.04 if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right to so act with respect to such Notes and that the pledgee is not the Company, a Subsidiary thereof or an Affiliate of the Company or a Subsidiary thereof. Upon request of the Trustee, the Company shall furnish to the Trustee promptly an Officer's Certificate listing and identifying all Notes, if any, known by the Company to be owned or held by or for the account of any of the above described Persons; and, subject to Section 7.01, the Trustee shall be entitled to accept such Officer's Certificate as conclusive evidence of the facts therein set forth and of the fact that all Notes not listed therein are outstanding for the purpose of any such determination.

Section 8.05. *Revocation of Consents; Future Holders Bound.* At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the Holders of the percentage of the aggregate principal amount of the Notes specified in this Indenture in connection with such action, any Holder of a Note that is shown by the evidence to be included in the Notes the Holders of which have consented to such action may, by filing written notice with the Trustee at the Corporate Trust Office and upon proof of holding as provided in Section 8.02, revoke such action so far as concerns such Note. Except as aforesaid, any such action taken by the Holder of any Note shall be conclusive and binding upon such Holder and upon all future Holders and owners of such Note and of any Notes issued in exchange or substitution therefor or upon registration of transfer thereof, irrespective of whether any notation in regard thereto is made upon such Note or any Note issued in exchange or substitution therefor or upon registration of transfer thereof.

ARTICLE 9
HOLDERS' MEETINGS

Section 9.01. *Purpose of Meetings.* A meeting of Holders may be called at any time and from time to time pursuant to the provisions of this Article 9 for any of the following purposes:

(a) to give any notice to the Company or to the Trustee or to give any directions to the Trustee permitted under this Indenture, or to consent to the waiving of any Default or Event of Default hereunder (in each case, as permitted under this Indenture) and its consequences, or to take any other action authorized to be taken by Holders pursuant to any of the provisions of Article 6;

(b) to remove the Trustee and nominate a successor trustee pursuant to the provisions of Article 7;

(c) to consent to the execution of an indenture or indentures supplemental hereto pursuant to the provisions of Section 10.02; or

(d) to take any other action authorized to be taken by or on behalf of the Holders of any specified aggregate principal amount of the Notes under any other provision of this Indenture or under applicable law.

Section 9.02. *Call of Meetings by Trustee or the Company.* The Trustee or the Company may at any time call a meeting of Holders to take any action specified in Section 9.01, to be held at such time and at such place the party who called the meeting shall determine. Notice of every meeting of the Holders, setting forth the time and the place of such meeting and in general terms the action proposed to be taken at such meeting and the establishment of any record date pursuant to Section 8.01, shall be delivered to Holders of such Notes. Such notice shall also be delivered to the Company. Such notices shall be delivered not less than 20 nor more than 90 days prior to the date fixed for the meeting.

Any meeting of Holders shall be valid without notice if the Holders of all Notes then outstanding are present in person or by proxy or if notice is waived before or after the meeting by the Holders of all Notes then outstanding, and if the Company and the Trustee are either present by duly authorized representatives or have, before or after the meeting, waived notice.

Section 9.03. *Call of Meetings by Company or Holders.* In case at any time the Company, pursuant to a Board Resolution, or the Holders of at least 10% of the aggregate principal amount of the Notes then outstanding, shall have requested the Trustee to call a meeting of Holders, by written request setting forth in reasonable detail the action proposed to be taken at the meeting, and the Trustee shall not have delivered the notice of such meeting within 20 days after receipt of such request, then the Company or such Holders may determine the time and the place for such meeting and may call such meeting to take any action authorized in Section 9.01, by delivering notice thereof as provided in Section 9.02.

Section 9.04. *Qualifications for Voting.* To be entitled to vote at any meeting of Holders a Person shall (a) be a Holder of one or more Notes on the record date pertaining to such meeting or (b) be a Person appointed by an instrument in writing as proxy by a Holder of one or more Notes on the record date pertaining to such meeting. The only Persons who shall be entitled to be present or to speak at any meeting of Holders shall be the Persons entitled to vote at such meeting and their counsel and any representatives of the Trustee and its counsel and any representatives of the Company and its counsel.

Section 9.05. *Regulations.* Notwithstanding any other provisions of this Indenture, the Trustee or the Company may make such reasonable regulations as it may deem advisable for any meeting of Holders, in regard to proof of the holding of Notes and of the appointment of proxies, and in regard to the appointment and duties of inspectors of votes, the submission and examination of proxies, certificates and other evidence of the right to vote, and such other matters concerning the conduct of the meeting as it shall think fit.

The Trustee shall, by an instrument in writing, appoint a temporary chairman of the meeting, unless the meeting shall have been called by the Company or by Holders as provided in Section 9.03, in which case the Company or the Holders calling the meeting, as the case may be, shall in like manner appoint a temporary chairman. A permanent chairman and a permanent secretary of the meeting shall be elected by vote of the Holders of a majority in aggregate principal amount of the Notes represented at the meeting and entitled to vote at the meeting.

Subject to the provisions of Section 8.04, at any meeting of Holders each Holder or proxyholder shall be entitled to one vote for each \$1,000 principal amount of Notes held or represented by him or her; *provided, however*, that no vote shall be cast or counted at any meeting in respect of any Note challenged as not outstanding and ruled by the chairman of the meeting to be not outstanding. The chairman of the meeting shall have no right to vote other than by virtue of Notes held by it or instruments in writing as aforesaid duly designating it as the proxy to vote on behalf of other Holders. Any meeting of Holders duly called pursuant to the provisions of Section 9.02 or Section 9.03 may be adjourned from time to time by the Holders of a majority of the aggregate principal amount of Notes represented at the meeting, whether or not constituting a quorum, and the meeting may be held as so adjourned without further notice.

Section 9.06. *Voting.* The vote upon any resolution submitted to any meeting of Holders shall be by written ballot on which shall be subscribed the signatures of the Holders or of their representatives by proxy and the outstanding aggregate principal amount of the Notes held or represented by them. The permanent chairman of the meeting shall appoint two inspectors of votes who shall count all votes cast at the meeting for or against any resolution and who shall make and file with the secretary of the meeting their verified written reports in duplicate of all votes cast at the meeting. A record in duplicate of the proceedings of each meeting of Holders shall be prepared by the secretary of the meeting and there shall be attached to said record the original reports of the inspectors of votes on any vote by ballot taken thereat and affidavits by one or more Persons having knowledge of the facts setting forth a copy of the notice of the meeting and showing that said notice was delivered as provided in Section 9.02. The record shall show the aggregate principal amount of the Notes voting in favor of or against any resolution. The record shall be signed and verified by the affidavits of the permanent chairman and secretary of the meeting and one of the duplicates shall be delivered to the Company and the other to the Trustee to be preserved by the Trustee, the latter to have attached thereto the ballots voted at the meeting.

Any record so signed and verified shall be conclusive evidence of the matters therein stated.

Section 9.07. *No Delay of Rights by Meeting.* Nothing contained in this Article 9 shall be deemed or construed to authorize or permit, by reason of any call of a meeting of Holders or any rights expressly or impliedly conferred hereunder to make such call, any hindrance or delay in the exercise of any right or rights conferred upon or reserved to the Trustee or to the Holders under any of the provisions of this Indenture or of the Notes.

ARTICLE 10 SUPPLEMENTAL INDENTURES

Section 10.01. *Supplemental Indentures Without Consent of Holders.* The Company (when authorized by the resolutions of the Board of Directors) and the Trustee, at the Company's expense, may from time to time and at any time amend or supplement this Indenture or the Notes for one or more of the following purposes:

- (a) to cure any ambiguity, omission, defect or inconsistency;
- (b) to provide for the assumption by a Successor Company of the obligations of the Company under this Indenture pursuant to Article 11;
- (c) to add guarantees with respect to the Notes;
- (d) to secure the Notes;
- (e) to add to the covenants or Events of Default of the Company for the benefit of the Holders or surrender any right or power conferred upon the Company;
- (f) to make any change that does not adversely affect the rights of any Holder under this Indenture or the Notes;
- (g) in connection with any Share Exchange Event, to provide that the notes are convertible into Reference Property, subject to the provisions of Section 14.02, and make such related changes to the terms of the Notes to the extent expressly required by Section 14.07;
- (h) comply with any requirement of the Commission in connection with the qualification of this Indenture under the Trust Indenture Act to the extent this Indenture is qualified thereunder;
- (i) provide for the issuance of additional Notes as permitted under this Indenture;

- (j) provide for the appointment of a successor Trustee, Note Registrar, Paying Agent, Bid Solicitation Agent or Conversion Agent;
- (k) comply with the rules of any applicable securities depositary in a manner that does not adversely affect the rights of any Holder under the Indenture or the Notes in any material respect;
- (l) irrevocably elect or eliminate one of the Settlement Methods and/or irrevocably elect a Specified Dollar Amount;
- (m) increase the Conversion Rate as provided in this Indenture; or
- (n) to conform the provisions of this Indenture or the Notes to the “Description of notes” section of the Offering Memorandum.

Upon the written request of the Company, the Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to, but may in its discretion, enter into any supplemental indenture that affects the Trustee’s own rights, duties or immunities under this Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section 10.01 may be executed by the Company and the Trustee without the consent of the Holders of any of the Notes at the time outstanding, notwithstanding any of the provisions of Section 10.02.

Section 10.02. *Supplemental Indentures with Consent of Holders.* With the consent (evidenced as provided in Article 8) of the Holders of at least a majority of the aggregate principal amount of the Notes then outstanding (determined in accordance with Article 8 and including, without limitation, consents obtained in connection with a repurchase of, or tender or exchange offer for, Notes), the Company, when authorized by the resolutions of the Board of Directors and the Trustee, at the Company’s expense, may from time to time and at any time enter into an indenture or indentures supplemental hereto for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture, any supplemental indenture or the Notes or of modifying in any manner the rights of the Holders; *provided, however*, that, without the consent of each Holder of an outstanding Note affected, no such supplemental indenture shall:

- (a) reduce the principal amount of Notes whose Holders must consent to an amendment;
- (b) reduce the rate of or extend the stated time for payment of interest on any Note;
- (c) reduce the principal of or extend the Maturity Date of any Note;

- (d) make any change that adversely affects the conversion rights of any Notes other than as permitted or required by this Indenture;
- (e) reduce the Redemption Price or the Fundamental Change Repurchase Price of any Note or amend or modify in any manner adverse to the Holders the Company's obligation to make such payments, whether through an amendment or waiver of provisions in the covenants, definitions or otherwise;
- (f) make any Note payable in a currency, or at a place of payment, other than that stated in the Note;
- (g) change the ranking of the Notes;
- (h) eliminate the contractual right of any Holder to institute suit for the enforcement of its right to receive payment or delivery, as the case may be, of the principal (including the Fundamental Change Repurchase Price or Redemption Price, if applicable) of, accrued and unpaid interest, if any, on, and the consideration due upon conversion of, its Notes, on or after the respective due dates expressed or provided for in the Notes or this Indenture; or
- (i) make any change in this Article 10 that requires each Holder's consent or in the waiver provisions in Section 6.02 or Section 6.09.

Upon the written request of the Company, and upon the filing with the Trustee of evidence of the consent of Holders as aforesaid and subject to Section 10.05, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but shall not be obligated to, enter into such supplemental indenture.

Holders do not need under this Section 10.02 to approve the particular form of any proposed supplemental indenture. It shall be sufficient if such Holders approve the substance thereof. After any such supplemental indenture becomes effective, the Company shall deliver to the Holders (with a copy to the Trustee) a notice briefly describing such supplemental indenture. However, the failure to give such notice to all the Holders, or any defect in the notice, will not impair or affect the validity of the supplemental indenture.

Section 10.03. *Effect of Supplemental Indentures.* Upon the execution of any supplemental indenture pursuant to the provisions of this Article 10, this Indenture shall be and be deemed to be modified and amended in accordance therewith and the respective rights, limitation of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company and the Holders shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

Section 10.04. *Notation on Notes.* Notes authenticated and delivered after the execution of any supplemental indenture pursuant to the provisions of this Article 10 may, at the Company's request and expense, bear a notation as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Notes so modified as to conform, in the opinion of the Board of Directors, to any modification of this Indenture contained in any such supplemental indenture may, at the Company's expense, be prepared and executed by the Company, authenticated, upon receipt of a Company Order, by the Trustee (or an authenticating agent duly appointed by the Trustee pursuant to Section 17.10) and delivered in exchange for the Notes then outstanding, upon surrender of such Notes then outstanding.

Section 10.05. *Evidence of Compliance of Supplemental Indenture to Be Furnished Trustee.* In addition to the documents required by Section 17.05, the Trustee shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant hereto complies with the requirements of this Article 10 and is permitted or authorized by this Indenture and such Opinion of Counsel shall include a customary legal opinion stating that such supplemental indenture is the valid and binding obligation of the Company, subject to customary exceptions and qualifications.

ARTICLE 11 CONSOLIDATION, MERGER, SALE, CONVEYANCE AND LEASE

Section 11.01. *Company May Consolidate, Etc. on Certain Terms.* Subject to the provisions of Section 11.02, the Company shall not consolidate with, merge with or into, or sell, convey, transfer or lease all or substantially all of the consolidated assets of the Company and the Company's Subsidiaries, taken as a whole, to another Person (a "**Business Combination Event**") (other than any such sale, conveyance, transfer or lease to one or more of the Company's direct or indirect Wholly Owned Subsidiaries), unless:

(a) the resulting, surviving or transferee Person (the "**Successor Company**"), if not the Company, shall be a Qualified Successor Entity organized and existing under the laws of the United States of America, any State thereof or the District of Columbia, and the Successor Company (if not the Company) shall expressly assume, by supplemental indenture all of the obligations of the Company under the Notes and this Indenture;

(b) immediately after giving effect to such transaction, no Default or Event of Default shall have occurred and be continuing under this Indenture; and

(c) if the Company is not the Successor Company, the Successor Company shall have delivered to the Trustee an Officer's Certificate and Opinion of Counsel, each stating that such consolidation, merger, sale, conveyance, transfer or lease complies with this Indenture and that such supplemental indenture is authorized or permitted by this Indenture and an Opinion of Counsel stating that the supplemental indenture is the valid and binding obligation of the Successor Company, subject to customary exceptions and qualifications.

Section 11.02. *Successor Corporation to Be Substituted.* In case of any such consolidation, merger, sale, conveyance, transfer or lease and upon the assumption by the Successor Company, by supplemental indenture, executed and delivered to the Trustee and satisfactory in form to the Trustee, of the due and punctual payment of the principal of and accrued and unpaid interest on all of the Notes, the due and punctual delivery and/or payment, as the case may be, of any consideration due upon conversion of the Notes and the due and punctual performance of all of the covenants and conditions of this Indenture to be performed by the Company, such Successor Company (if not the Company) shall succeed to and, except in the case of a lease of all or substantially all of the consolidated assets of the Company and the Company's Subsidiaries, taken as a whole, shall be substituted for the Company, with the same effect as if it had been named herein as the party of the first part, and the Company shall be discharged from its obligations under the Notes and this Indenture (except in the case of a lease of all or substantially all of the consolidated assets of the Company and the Company's Subsidiaries, taken as a whole). Such Successor Company thereupon may cause to be signed, and may issue either in its own name or in the name of the Company any or all of the Notes issuable hereunder which theretofore shall not have been signed by the Company and delivered to the Trustee; and, upon the order of such Successor Company instead of the Company and subject to all the terms, conditions and limitations in this Indenture prescribed, the Trustee shall authenticate and shall deliver, or cause to be authenticated and delivered, any Notes that previously shall have been signed and delivered by the Officers of the Company to the Trustee for authentication, and any Notes that such Successor Company thereafter shall cause to be signed and delivered to the Trustee for that purpose. All the Notes so issued shall in all respects have the same legal rank and benefit under this Indenture as the Notes theretofore or thereafter issued in accordance with the terms of this Indenture as though all of such Notes had been issued at the date of the execution hereof. In the event of any such consolidation, merger, sale, conveyance or transfer (but not in the case of a lease), upon compliance with this Article 11 the Person named as the "Company" in the first paragraph of this Indenture (or any successor that shall thereafter have become such in the manner prescribed in this Article 11) may be dissolved, wound up and liquidated at any time thereafter and, except in the case of a lease, such Person shall be released from its liabilities as obligor and maker of the Notes and from its obligations under this Indenture and the Notes.

In case of any such consolidation, merger, sale, conveyance, transfer or lease, such changes in phraseology and form (but not in substance) may be made in the Notes thereafter to be issued as may be appropriate.

Section 11.03. *Opinion of Counsel to Be Given to Trustee.* If a supplemental indenture is required pursuant to this Article 11, no such consolidation, merger, sale, conveyance, transfer or lease shall be effective unless the Trustee shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale, conveyance, transfer or lease and any such assumption complies with the provisions of this Article 11.

ARTICLE 12
IMMUNITY OF INCORPORATORS, STOCKHOLDERS, OFFICERS AND DIRECTORS

Section 12.01. *Indenture and Notes Solely Corporate Obligations.* No recourse for the payment of the principal of or accrued and unpaid interest on, or the payment or delivery of consideration due upon conversion of, any Note, nor for any claim based thereon or otherwise in respect thereof, and no recourse under or upon any obligation, covenant or agreement of the Company in this Indenture or in any supplemental indenture or in any Note, nor because of the creation of any indebtedness represented thereby, shall be had against any incorporator, stockholder, employee, agent, Officer or director or Subsidiary, as such, past, present or future, of the Company or of any successor company, either directly or through the Company or any successor company, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly understood that all such liability is hereby expressly waived and released as a condition of, and as a consideration for, the execution of this Indenture and the issue of the Notes.

ARTICLE 13
[INTENTIONALLY OMITTED]

ARTICLE 14
CONVERSION OF NOTES

Section 14.01. *Conversion Privilege.* (a) Subject to and upon compliance with the provisions of this Article 14, each Holder of a Note shall have the right, at such Holder's option, to convert all or any portion (if the portion to be converted is \$1,000 principal amount or an integral multiple thereof) of such Note (i) subject to satisfaction of the conditions described in Section 14.01(b), at any time prior to the close of business on the Business Day immediately preceding June 15, 2027 under the circumstances and during the periods set forth in Section 14.01(b), and (ii) regardless of the conditions described in Section 14.01(b), on or after June 15, 2027 and prior to the close of business on the second Scheduled Trading Day immediately preceding the Maturity Date, in each case, at an initial conversion rate of 3.5396 shares of Common Stock (subject to adjustment as provided in this Article 14, the "**Conversion Rate**") per \$1,000 principal amount of Notes (subject to, and in accordance with, the settlement provisions of Section 14.02, the "**Conversion Obligation**").

(b) (i) Prior to the close of business on the Business Day immediately preceding June 15, 2027, a Holder may surrender all or any portion of its Notes for conversion at any time during the five Business Day period immediately after any ten consecutive Trading Day period (the "**Measurement Period**") in which the Trading Price per \$1,000 principal amount of Notes, as determined following a request by a Holder of Notes in accordance with this subsection (b)(i), for each Trading Day of the Measurement Period was less than 98% of the product of the Last Reported Sale Price of the Common Stock on each such Trading Day and the Conversion Rate on each such Trading Day (the "**Trading Price Condition**"). The Trading Prices shall be determined

by the Bid Solicitation Agent pursuant to this subsection (b)(i) and the definition of Trading Price set forth in this Indenture. The Company shall provide written notice to the Bid Solicitation Agent (if other than the Company) of the three independent nationally recognized securities dealers selected by the Company pursuant to the definition of Trading Price, along with appropriate contact information for each. The Bid Solicitation Agent (if other than the Company) shall have no obligation to solicit the Trading Price per \$1,000 principal amount of Notes unless the Company has requested such solicitation, and the Company shall have no obligation to make such request (or, if the Company is acting as Bid Solicitation Agent, the Company shall have no obligation to determine the Trading Price per \$1,000 principal amount of Notes) unless a Holder of at least \$5,000,000 aggregate principal amount of Notes provides the Company with reasonable evidence that the Trading Price per \$1,000 principal amount of Notes on any Trading Day would be less than 98% of the product of the Last Reported Sale Price of the Common Stock on such Trading Day and the Conversion Rate on such Trading Day, at which time the Company shall instruct the Bid Solicitation Agent (if other than the Company) to solicit, or if the Company is acting as Bid Solicitation Agent, the Company shall solicit, such bids beginning on the next Trading Day and on each successive Trading Day until the Trading Price per \$1,000 principal amount of Notes is greater than or equal to 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate. The Company shall determine the Trading Price per \$1,000 amount of Notes in accordance with the bids solicited by the Bid Solicitation Agent. If (x) the Company is not acting as Bid Solicitation Agent, and the Company does not instruct the Bid Solicitation Agent to solicit bids when obligated as provided in the preceding sentence, or if the Company instructs the Bid Solicitation Agent to obtain bids and the Bid Solicitation Agent fails to make such solicitation, or (y) the Company is acting as Bid Solicitation Agent and the Company fails to make such solicitation when obligated as provided in the preceding sentence, then, in either case, the Trading Price per \$1,000 principal amount of Notes shall be deemed to be less than 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate on each Trading Day of such failure. If the Trading Price Condition has been met on any Trading Day, the Company shall so notify the Holders, the Trustee and the Conversion Agent (if other than the Trustee) in writing on or within one Business Day of such Trading Day. If, at any time after the Trading Price Condition has been met, the Trading Price per \$1,000 principal amount of Notes is greater than or equal to 98% of the product of the Last Reported Sale Price of the Common Stock and the Conversion Rate for such Trading Day, the Company shall so notify the Holders of the Notes, the Trustee and the Conversion Agent (if other than the Trustee) in writing that the Trading Price Condition is no longer met and thereafter neither the Company nor the Bid Solicitation Agent (if other than the Company) shall be required to solicit bids again until another qualifying request is made as provided above.

(ii) If the Company calls any Note for redemption pursuant to Article 16, then a Holder of the Note called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption may surrender such Note (or a portion thereof) called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption for conversion at any time prior to the close of business on the second Scheduled Trading Day immediately prior to the applicable Redemption Date, even if the Notes are not

otherwise convertible at such time. After that time, the right to convert such Note called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption pursuant to this subsection (b)(ii) on account of such Redemption Notice shall expire, unless the Company defaults in the payment of the Redemption Price, in which case a Holder of such Note called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption may convert such Note (or a portion thereof) called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption until the Redemption Price has been paid or duly provided for. If the Company elects to redeem less than all of the outstanding Notes for redemption pursuant to Article 16, and the Holder of any Note (or any owner of a beneficial interest in any Global Note) is reasonably not able to determine, before the close of business on the 22nd Scheduled Trading Day immediately before the relevant Redemption Date (or, if the Company delivers a Redemption Notice electing Physical Settlement not less than 10 nor more than 45 Scheduled Trading Days prior to the related Redemption Date, then before the close of business on the 9th Scheduled Trading Day immediately before the relevant Redemption Date), whether such Note or beneficial interest, as applicable, is to be redeemed pursuant to such redemption, then such Holder or owner, as applicable, shall be entitled to convert such Note or beneficial interest, as applicable, at any time before the close of business on the second Scheduled Trading Day immediately prior to such Redemption Date, unless the Company defaults in the payment of the Redemption Price, in which case such Holder or owner, as applicable, shall be entitled to convert such Note (or any such beneficial interest in any Global Note), as applicable, until the Redemption Price has been paid or duly provided for, and each such conversion shall be deemed to be of a Note called for redemption (including, without limitation, for purposes of Section 14.03).

(iii) If, prior to the close of business on the Business Day immediately preceding June 15, 2027, the Company elects to:

(A) issue to all or substantially all holders of the Common Stock any rights, options or warrants (other than pursuant to a stockholders rights plan, so long as such rights have not separated from the shares of the Common Stock) entitling them, for a period of not more than 60 calendar days after the announcement date of such issuance, to subscribe for or purchase shares of the Common Stock at a price per share that is less than the average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of such issuance; or

(B) distribute to all or substantially all holders of the Common Stock the Company's assets, securities or rights to purchase securities of the Company (other than pursuant to a stockholders rights plan, so long as such rights have not separated from the shares of the Common Stock), which distribution has a per share value, as reasonably determined by the Company in good faith, exceeding 10% of the Last Reported Sale Price of the Common Stock on the Trading Day preceding the date of announcement for such distribution,

then, in either case, the Company shall notify all Holders of the Notes, the Trustee and the Conversion Agent (if other than the Trustee) (such notification, the “**Certain Distributions Notification**”) (x) at least 25 Scheduled Trading Days prior to or (y) if in the Certain Distributions Notification the Company elects Physical Settlement in respect of any conversions with Conversion Dates that occur after delivery to the Holders of the Certain Distributions Notification until the Certain Distributions Conversion Period End Date, at least 10 Scheduled Trading Days prior to, in either case, the Ex-Dividend Date for such issuance or distribution. Once the Company has given such notice, a Holder may surrender all or any portion of its Notes for conversion at any time until the earlier of (1) the close of business on the Business Day immediately preceding the Ex-Dividend Date for such issuance or distribution and (2) the Company’s announcement that such issuance or distribution will not take place (such earlier date and time, the “**Certain Distributions Conversion Period End Date**”).

Holders may not convert their Notes pursuant to this Section 14.01(b)(iii) if they participate (other than in the case of a share split or share combination), at the same time and upon the same terms as holders of the Common Stock and solely as a result of holding the Notes, in any of the transactions described above without having to convert their Notes as if they held a number of shares of Common Stock equal to the applicable Conversion Rate as of the Record Date for such issuance or distribution, *multiplied by* the principal amount (expressed in thousands) of Notes held by such Holder.

(iv) If a transaction or event that constitutes a Fundamental Change or a Make-Whole Fundamental Change occurs prior to the close of business on the Business Day immediately preceding June 15, 2027, regardless of whether a Holder has the right to require the Company to repurchase the Notes pursuant to Section 15.02, or if the Company is a party to a Share Exchange Event (other than a Share Exchange Event that is solely for the purpose of changing the Company’s jurisdiction of organization that (x) does not constitute a Fundamental Change or a Make-Whole Fundamental Change and (y) results in a reclassification, conversion or exchange of outstanding shares of the Common Stock solely into shares of common stock of the surviving entity and such common stock becomes Reference Property for the Notes) that occurs prior to the close of business on the Business Day immediately preceding June 15, 2027 (each such Fundamental Change, Make-Whole Fundamental Change or Share Exchange Event, a “**Corporate Event**”), all or any portion of a Holder’s Notes may be surrendered for conversion at any time from or after the effective date of the Corporate Event until the earlier of (x) 35 Trading Days after the effective date of such Corporate Event (or, if the Company gives notice after the effective date of such Corporate Event, until 35 Trading Days after the date the Company gives notice of such Corporate Event) or, if such Corporate Event also constitutes a Fundamental Change (other than an Exempted Fundamental Change), until the close of business on the Business Day immediately preceding the related Fundamental Change Repurchase Date and (y) the second Scheduled Trading Day immediately

preceding the Maturity Date. The Company shall notify Holders, the Trustee and the Conversion Agent (if other than the Trustee) as promptly as practicable following the date the Company publicly announces the effective date of such Corporate Event, but in no event later than the second Business Day after the effective date of such Corporate Event.

(v) Prior to the close of business on the Business Day immediately preceding June 15, 2027, a Holder may surrender all or any portion of its Notes for conversion at any time during any calendar quarter commencing after the calendar quarter ending on December 31, 2022 (and only during such calendar quarter), if the Last Reported Sale Price of the Common Stock for at least 20 Trading Days (whether or not consecutive) during the period of 30 consecutive Trading Days ending on, and including, the last Trading Day of the immediately preceding calendar quarter is greater than or equal to 130% of the Conversion Price on each applicable Trading Day.

Section 14.02. Conversion Procedure; Settlement Upon Conversion.

(a) Subject to this Section 14.02, Section 14.03(b) and Section 14.07(a), upon conversion of any Note, the Company shall pay or deliver, as the case may be, to the converting Holder, in respect of each \$1,000 principal amount of Notes being converted, cash (“**Cash Settlement**”), shares of Common Stock, together with cash, if applicable, in lieu of delivering any fractional share of Common Stock in accordance with subsection (j) of this Section 14.02 (“**Physical Settlement**”) or a combination of cash and shares of Common Stock, together with cash, if applicable, in lieu of delivering any fractional share of Common Stock in accordance with subsection (j) of this Section 14.02 (“**Combination Settlement**”), at its election, as set forth in this Section 14.02.

(i) All conversions of Notes for which the relevant Conversion Date occurs on or after June 15, 2027, and all conversions of Notes during a Redemption Period of Notes called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)), shall be settled using the same Settlement Method.

(ii) Except for any conversions of Notes called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)) for which the relevant Conversion Date occurs during the related Redemption Period and any conversions for which the relevant Conversion Date occurs on or after June 15, 2027, the Company shall use the same Settlement Method for all conversions with the same Conversion Date, but the Company shall not have any obligation to use the same Settlement Method with respect to conversions with different Conversion Dates.

(iii) If, in respect of any Conversion Date (or the period described in the fourth immediately succeeding set of parentheses, as the case may be), the Company elects to deliver a written notice (the “**Settlement Notice**”) of the relevant Settlement Method in respect of such Conversion Date (or such period,

as the case may be), the Company shall deliver such Settlement Notice to the Trustee, the Conversion Agent (if other than the Trustee) and converting Holders no later than the close of business on the Trading Day immediately following the relevant Conversion Date (or, in the case of any conversions of Notes (x) called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)) for which the relevant Conversion Date occurs during the related Redemption Period, in such Redemption Notice, (y) for which the relevant Conversion Date occurs on or after June 15, 2027, no later than June 15, 2027 or (z) for which the Company has irrevocably elected Physical Settlement pursuant to Section 14.01(b)(iii), in the related Certain Distributions Notification) (in each case, the “**Settlement Method Election Deadline**”). If the Company does not elect a Settlement Method prior to the deadline set forth in the immediately preceding sentence, the Company shall no longer have the right to elect a Settlement Method with respect to any conversion on such Conversion Date or during such period, and the Company shall be deemed to have elected the Default Settlement Method with respect to such conversion. Any Settlement Notice shall specify the relevant Settlement Method and in the case of an election of Combination Settlement, the relevant Settlement Notice shall indicate the Specified Dollar Amount per \$1,000 principal amount of Notes. If the Company timely elects Combination Settlement (or is deemed to have elected Combination Settlement) with respect to a conversion but does not timely notify the converting Holder, the Trustee and the Conversion Agent (if other than the Trustee) of the applicable Specified Dollar Amount, then the Specified Dollar Amount for such conversion will be deemed to be \$1,000 per \$1,000 principal amount of Notes. For the avoidance of doubt, the Company’s failure to timely elect a Settlement Method or specify the applicable Specified Dollar Amount shall not constitute a default under this Indenture.

The Company may, by notice to the Holders, the Trustee and the Conversion Agent (if other than the Trustee) prior to June 15, 2027, irrevocably fix the Settlement Method, to any Settlement Method that the Company is then permitted to elect, including Combination Settlement with a Specified Dollar Amount per \$1,000 principal amount of Notes of \$1,000 or with an ability to continue to set the Specified Dollar Amount per \$1,000 principal amount of Notes at or above any specific amount set forth in such election notice. Concurrently with providing notice to all Holders of an election to change the Default Settlement Method or irrevocably fix the Settlement Method, the Company shall promptly either post an announcement on its website or issue a report on Form 8-K (or any successor form) disclosing such Default Settlement Method or irrevocably fixed Settlement Method. If the Company changes the Default Settlement Method or elects to irrevocably fix the Settlement Method, in either case, to Combination Settlement with an ability to continue to set the Specified Dollar Amount per \$1,000 principal amount of Notes at or above a specified amount, the Company will, after the date of such change or election, as the case may be, inform Holders converting their Notes of such Specified Dollar Amount no later than the relevant Settlement Method Election Deadline, or, if the Company does not timely notify Holders, such Specified Dollar Amount will be the specific amount set forth in the change or election notice or, if no specific amount was set forth in the change or election notice, such Specified Dollar Amount shall be \$1,000 per \$1,000 principal amount of Notes. A change in the Default Settlement Method or an

irrevocable election shall apply to all Note conversions on Conversion Dates occurring subsequent to delivery of such notice; *provided, however*, that no such change in the Default Settlement Method or irrevocable election shall affect any Settlement Method theretofore elected (or deemed to be elected) with respect to any conversion. For the avoidance of doubt, such an irrevocable election, if made, shall be effective without the need to amend this Indenture or the Notes, including pursuant to the provisions described in Section 10.01(l). However, the Company may nonetheless choose to execute such an amendment at the Company's option.

(iv) The cash, shares of Common Stock or combination of cash and shares of Common Stock in respect of any conversion of Notes (the "**Settlement Amount**") shall be computed as follows:

(A) if the Company elects (or is deemed to have elected) to satisfy its Conversion Obligation in respect of such conversion by Physical Settlement, the Company shall deliver to the converting Holder in respect of each \$1,000 principal amount of Notes being converted a number of shares of Common Stock equal to the Conversion Rate in effect on the Conversion Date (plus cash in lieu of any fractional share of Common Stock issuable upon conversion);

(B) if the Company elects (or is deemed to have elected) to satisfy its Conversion Obligation in respect of such conversion by Cash Settlement, the Company shall pay to the converting Holder in respect of each \$1,000 principal amount of Notes being converted cash in an amount equal to the sum of the Daily Conversion Values for each of the 20 consecutive Trading Days during the related Observation Period; and

(C) if the Company elects (or is deemed to have elected) to satisfy its Conversion Obligation in respect of such conversion by Combination Settlement, the Company shall pay or deliver, as the case may be, in respect of each \$1,000 principal amount of Notes being converted, a Settlement Amount equal to the sum of the Daily Settlement Amounts for each of the 20 consecutive Trading Days during the related Observation Period (plus cash in lieu of any fractional share of Common Stock issuable upon conversion).

(v) The Daily Settlement Amounts (if applicable) and the Daily Conversion Values (if applicable) shall be determined by the Company promptly following the last day of the Observation Period. Promptly after such determination of the Daily Settlement Amounts or the Daily Conversion Values, as the case may be, and the amount of cash payable in lieu of delivering any fractional share of Common Stock, the Company shall notify the Trustee and the Conversion Agent (if other than the Trustee) in writing of the Daily Settlement Amounts or the Daily Conversion Values, as the case may be, and the amount of cash payable in lieu of delivering fractional shares of Common Stock. The Trustee and the Conversion Agent (if other than the Trustee) shall have no responsibility for any such determination.

(b) Subject to Section 14.02(e), before any Holder of a Note shall be entitled to convert a Note as set forth above, such Holder shall (i) in the case of a Global Note, comply with the procedures of the Depositary in effect at that time and, if required, pay funds equal to the interest payable on the next Interest Payment Date to which such Holder is not entitled as set forth in Section 14.02(h) and, if required, pay all transfer or similar taxes, if any, pursuant to Section 14.02(e) and (ii) in the case of a Physical Note (1) complete, manually or electronically sign and deliver an irrevocable notice to the Conversion Agent as set forth in the Form of Notice of Conversion (or a facsimile thereof) (a “**Notice of Conversion**”) at the office of the Conversion Agent and state in writing therein the principal amount of Notes to be converted and the name or names (with addresses) in which such Holder wishes the certificate or certificates for any shares of Common Stock to be delivered upon settlement of the Conversion Obligation to be registered, (2) surrender such Notes, duly endorsed to the Company or in blank (and accompanied by appropriate endorsement and transfer documents), at the office of the Conversion Agent, (3) if required, furnish appropriate endorsements and transfer documents, (4) if required, pay funds equal to interest payable on the next Interest Payment Date to which such Holder is not entitled as set forth in Section 14.02(h) and (5) if required, pay all transfer or similar taxes, if any, pursuant to Section 14.02(e). The Trustee (and if different, the Conversion Agent) shall notify the Company of any conversion pursuant to this Article 14 on the Conversion Date for such conversion. No Notice of Conversion with respect to any Notes may be surrendered by a Holder thereof if such Holder has also delivered a Fundamental Change Repurchase Notice to the Company in respect of such Notes and has not validly withdrawn such Fundamental Change Repurchase Notice in accordance with Section 15.03.

If more than one Note shall be surrendered for conversion at one time by the same Holder, the Conversion Obligation with respect to such Notes shall be computed on the basis of the aggregate principal amount of the Notes (or specified portions thereof to the extent permitted thereby) so surrendered.

(c) A Note shall be deemed to have been converted immediately prior to the close of business on the date (the “**Conversion Date**”) that the Holder has complied with the requirements set forth in subsection (b) above. Except as set forth in Section 14.03(b) and Section 14.07(a), the Company shall pay or deliver, as the case may be, the consideration due in respect of the Conversion Obligation on the second Business Day immediately following the relevant Conversion Date, if the Company elects to satisfy its Conversion Obligation through Physical Settlement (*provided* that, with respect to any Conversion Date following the Regular Record Date immediately preceding the Maturity Date where Physical Settlement applies to the related conversion, the Company will settle any such conversion on the Maturity Date (or, if the Maturity Date is not a Business Day, the next Business Day), and, for purposes of calculating the consideration due upon such conversion, the Conversion Date thereof will be deemed to occur on the second Scheduled Trading Day preceding the Maturity Date), or on the second Business Day immediately following the last Trading Day of the Observation Period, if the Company

elects to satisfy its Conversion Obligation through any other Settlement Method. If any shares of Common Stock are due to a converting Holder, the Company shall issue or cause to be issued, and deliver (if applicable) through its common stock transfer agent to the Conversion Agent or to such Holder, or such Holder's nominee or nominees, the full number of shares of Common Stock to which such Holder shall be entitled, in book-entry format through the Depositary, in satisfaction of the Company's Conversion Obligation.

(d) In case any Note shall be surrendered for partial conversion, the Company shall execute and the Trustee shall authenticate and deliver to or upon the written order of the Holder of the Note so surrendered a new Note or Notes in authorized denominations in an aggregate principal amount equal to the unconverted portion of the surrendered Note, without payment of any service charge by the converting Holder but, if required by the Company or Trustee, with payment of a sum sufficient to cover any documentary, stamp or similar issue or transfer tax or similar governmental charge required by law or that may be imposed in connection therewith as a result of the name of the Holder of the new Notes issued upon such conversion being different from the name of the Holder of the old Notes surrendered for such conversion.

(e) If a Holder submits a Note for conversion, the Company shall pay any documentary, stamp or similar issue or transfer tax due on the issue of any shares of Common Stock upon conversion, unless the tax is due because the Holder requests such shares to be issued in a name other than the Holder's name, in which case the Holder shall pay that tax. The Conversion Agent may refuse to deliver the certificates representing the shares of Common Stock being issued in a name other than the Holder's name until the Trustee receives a sum sufficient to pay any tax that is due by such Holder in accordance with the immediately preceding sentence.

(f) Except as provided in Section 14.04, no adjustment shall be made for dividends on any shares of Common Stock issued upon the conversion of any Note as provided in this Article 14.

(g) Upon the conversion of an interest in a Global Note, the Trustee, or the Custodian at the direction of the Trustee, shall make a notation on such Global Note as to the reduction in the principal amount represented thereby. The Company shall notify the Trustee in writing of any conversion of Notes effected through any Conversion Agent other than the Trustee.

(h) Upon conversion, a Holder shall not receive any separate cash payment for accrued and unpaid interest, if any, except as set forth below. The Company's settlement of the full Conversion Obligation shall be deemed to satisfy in full its obligation to pay the principal amount of the Note and accrued and unpaid interest, if any, to, but not including, the relevant Conversion Date. As a result, accrued and unpaid interest, if any, to, but not including, the relevant Conversion Date shall be deemed to be paid in full rather than cancelled, extinguished or forfeited. Upon a conversion of Notes into a combination of cash and shares of Common Stock, accrued and unpaid interest will be deemed to be paid first out of the cash paid upon such conversion. Notwithstanding the foregoing, if Notes are converted after the close of business on a Regular Record Date but

prior to the open of business on the immediately following Interest Payment Date, Holders of such Notes as of the close of business on such Regular Record Date will receive the full amount of interest payable on such Notes (to, but not including, such Interest Payment Date) on such Interest Payment Date notwithstanding the conversion. However, Notes surrendered for conversion during the period from the close of business on any Regular Record Date to the open of business on the immediately following Interest Payment Date must be accompanied by funds equal to the amount of interest payable on the Notes so converted on the corresponding Interest Payment Date (regardless of whether the converting Holder was the Holder of record on the corresponding Regular Record Date); *provided* that no such payment shall be required (1) for conversions following the close of business on the Regular Record Date immediately preceding the Maturity Date; (2) for Notes called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption, if the Company has specified a Redemption Date that is after a Regular Record Date and on or prior to the second Scheduled Trading Day immediately following the corresponding Interest Payment Date; (3) if the Company has specified a Fundamental Change Repurchase Date that is after a Regular Record Date and on or prior to the Business Day immediately following the corresponding Interest Payment Date; or (4) to the extent of any Defaulted Amounts, if any Defaulted Amounts exists at the time of conversion with respect to such Note. Therefore, for the avoidance of doubt, all Holders of record on the Regular Record Date immediately preceding the Maturity Date, any Redemption Date described in clause (2) above, and any Fundamental Change Repurchase Date described in clause (3) above shall receive the full interest payment due on the Maturity Date or other applicable Interest Payment Date in cash regardless of whether their Notes have been converted, redeemed and/or repurchased, as applicable, following such Regular Record Date.

(i) The Person in whose name the shares of Common Stock shall be issuable upon conversion shall be treated as a stockholder of record as of the close of business on the relevant Conversion Date (if the Company elects to satisfy the related Conversion Obligation by Physical Settlement) or the last Trading Day of the relevant Observation Period (if the Company elects to satisfy the related Conversion Obligation by Combination Settlement), as the case may be. Upon a conversion of Notes, such Person shall no longer be a Holder of such Notes surrendered for conversion.

(j) The Company shall not issue any fractional share of Common Stock upon conversion of the Notes and shall instead pay cash in lieu of delivering any fractional share of Common Stock issuable upon conversion based on the Daily VWAP for the relevant Conversion Date (or, if such Conversion Date is not a Trading Day, the immediately preceding Trading Day), in the case of Physical Settlement or based on the Daily VWAP for the last Trading Day of the relevant Observation Period, in the case of Combination Settlement. For each Note surrendered for conversion, if the Company has elected Combination Settlement, the full number of shares that shall be issued upon conversion thereof shall be computed on the basis of the aggregate Daily Settlement Amounts for the relevant Observation Period and any fractional shares remaining after such computation shall be paid in cash.

Section 14.03. *Increased Conversion Rate Applicable to Certain Notes Surrendered in Connection with Make-Whole Fundamental Changes or Redemption Notice.* (a) If (x) the Effective Date of a Make-Whole Fundamental Change occurs prior to the Maturity Date or (y) the Company gives a Redemption Notice with respect to any or all of the Notes in accordance with Section 16.02 and, in each case, a Holder elects to convert its Notes in connection with such Make-Whole Fundamental Change or Redemption Notice, as the case may be, the Company shall, under the circumstances described below, increase the Conversion Rate for the Notes so surrendered for conversion by a number of additional shares of Common Stock (the “**Additional Shares**”), as described below. A conversion of Notes shall be deemed for these purposes to be “in connection with” such Make-Whole Fundamental Change if the relevant Conversion Date occurs during the period from, and including, the Effective Date of the Make-Whole Fundamental Change up to, and including, the close of business on the Business Day immediately prior to the related Fundamental Change Repurchase Date (or, in the case of an Exempted Fundamental Change or a Make-Whole Fundamental Change that would have been a Fundamental Change but for the proviso in clause (b) of the definition thereof, the 35th Trading Day immediately following the Effective Date of such Make-Whole Fundamental Change) (such period, the “**Make-Whole Fundamental Change Period**”). A conversion of Notes shall be deemed for these purposes to be “in connection with” a Redemption Notice if such conversion is of Notes called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)) and the relevant Conversion Date occurs during the related Redemption Period. For the avoidance of doubt, the Company shall increase the Conversion Rate in connection with a Redemption Notice only with respect to conversions of Notes called for redemption (or deemed called for redemption pursuant to Section 14.01(b)(ii)), and not of Notes not called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption. Accordingly, if the Company elects to redeem less than all of the outstanding Notes as described under Article 16, Holders of the Notes not called (or deemed called pursuant to Section 14.01(b)(ii)) for redemption shall not be entitled to an increased Conversion Rate for conversions of such Notes on account of the Redemption Notice during the related Redemption Period if such Notes are otherwise convertible, except in the limited circumstances set forth under Section 14.01(b)(ii).

(b) Upon surrender of Notes for conversion in connection with a Make-Whole Fundamental Change or Redemption Notice, the Company shall, at its option, satisfy the related Conversion Obligation by Physical Settlement, Cash Settlement or Combination Settlement in accordance with Section 14.02; *provided, however*, that if, at the effective time of a Make-Whole Fundamental Change described in clause (b) of the definition of Fundamental Change, the Reference Property following such Make-Whole Fundamental Change is composed entirely of cash, for any conversion of Notes following the Effective Date of such Make-Whole Fundamental Change, the Conversion Obligation shall be calculated based solely on the Stock Price for the transaction and shall be deemed to be an amount of cash per \$1,000 principal amount of converted Notes equal to the Conversion Rate (including any adjustment for Additional Shares), *multiplied by* such Stock Price. In such event, the Conversion Obligation shall be paid to Holders in cash on the second Business Day following the Conversion Date. The Company shall notify the Holders of Notes, the Trustee and the Conversion Agent (if other than the Trustee) in writing of the Effective Date of any Make-Whole Fundamental Change no later than five Business Days after such Effective Date.

(c) The number of Additional Shares, if any, by which the Conversion Rate shall be increased shall be determined by reference to the table below, based on the date on which the Make-Whole Fundamental Change occurs or becomes effective or the date of the Redemption Notice, as the case may be, (in each case, the “**Effective Date**”) and the price paid (or deemed to be paid) per share of the Common Stock in the Make-Whole Fundamental Change or with respect to the Redemption Notice, as the case may be (in each case, the “**Stock Price**”). If the holders of the Common Stock receive in exchange for their Common Stock only cash in a Make-Whole Fundamental Change described in clause (b) of the definition of Fundamental Change, the Stock Price shall be the cash amount paid per share. Otherwise, the Stock Price shall be the average of the Last Reported Sale Prices of the Common Stock over the five consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Effective Date of the Make-Whole Fundamental Change or the date of the Redemption Notice, as the case may be. In the event that a conversion in connection with a Redemption Notice would also be deemed to be in connection with a Make-Whole Fundamental Change, a Holder of the Notes to be converted shall be entitled to a single increase to the Conversion Rate with respect to the first to occur of the date of the applicable Redemption Notice or the Effective Date of the applicable Make-Whole Fundamental Change, and the later event shall be deemed not to have occurred for purposes of such conversion. The Board of Directors shall make appropriate adjustments to the Stock Price, in its good faith determination, to account for any adjustment to the Conversion Rate that becomes effective, or any event requiring an adjustment to the Conversion Rate where the Ex-Dividend Date, Effective Date (as such term is used in Section 14.04) or Expiration Date of the event occurs during such five consecutive Trading Day period.

(d) The Stock Prices set forth in the column headings of the table below shall be adjusted as of any date on which the Conversion Rate of the Notes is otherwise adjusted. The adjusted Stock Prices shall equal the Stock Prices applicable immediately prior to such adjustment, *multiplied by* a fraction, the numerator of which is the Conversion Rate immediately prior to such adjustment giving rise to the Stock Price adjustment and the denominator of which is the Conversion Rate as so adjusted. The number of Additional Shares set forth in the table below shall be adjusted in the same manner and at the same time as the Conversion Rate as set forth in Section 14.04.

(e) The following table sets forth the number of Additional Shares of Common Stock by which the Conversion Rate shall be increased per \$1,000 principal amount of Notes pursuant to this Section 14.03 for each Stock Price and Effective Date set forth below:

Effective Date	Stock Price												
	\$212.00	\$245.00	\$286.20	\$330.00	\$372.06	\$420.00	\$470.00	\$550.00	\$660.00	\$800.00	\$970.00	\$1,170.00	\$1,400.00
September 15, 2022	1.2228	0.9176	0.6620	0.4819	0.3633	0.2687	0.1996	0.1274	0.0708	0.0337	0.0125	0.0024	0.0000
September 15, 2023	1.2228	0.9176	0.6565	0.4675	0.3452	0.2494	0.1809	0.1112	0.0586	0.0258	0.0082	0.0006	0.0000
September 15, 2024	1.2228	0.9176	0.6304	0.4339	0.3099	0.2157	0.1506	0.0871	0.0421	0.0161	0.0037	0.0000	0.0000
September 15, 2025	1.2228	0.8764	0.5678	0.3673	0.2471	0.1606	0.1046	0.0541	0.0222	0.0062	0.0004	0.0000	0.0000
September 15, 2026	1.2228	0.7796	0.4447	0.2478	0.1441	0.0798	0.0443	0.0179	0.0048	0.0003	0.0000	0.0000	0.0000
September 15, 2027	1.2228	0.5875	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

The exact Stock Price and Effective Date may not be set forth in the table above, in which case:

(i) if the Stock Price is between two Stock Prices in the table above or the Effective Date is between two Effective Dates in the table above, the number of Additional Shares shall be determined by a straight-line interpolation between the number of Additional Shares set forth for the higher and lower Stock Prices and the earlier and later Effective Dates, as applicable, based on a 365- or 366-day year, as applicable;

(ii) if the Stock Price is greater than \$1,400.00 per share (subject to adjustment in the same manner as the Stock Prices set forth in the column headings of the table above pursuant to subsection (d) above), no Additional Shares shall be added to the Conversion Rate; and

(iii) if the Stock Price is less than \$212.00 per share (subject to adjustment in the same manner as the Stock Prices set forth in the column headings of the table above pursuant to subsection (d) above), no Additional Shares shall be added to the Conversion Rate.

Notwithstanding the foregoing, in no event shall the Conversion Rate per \$1,000 principal amount of Notes exceed 4.7169 shares of Common Stock, subject to adjustment in the same manner as the Conversion Rate pursuant to Section 14.04.

(f) Nothing in this Section 14.03 shall prevent an adjustment to the Conversion Rate pursuant to Section 14.04 in respect of a Make-Whole Fundamental Change.

Section 14.04. *Adjustment of Conversion Rate.* The Conversion Rate shall be adjusted from time to time by the Company if any of the following events occurs, except that the Company shall not make any adjustments to the Conversion Rate if Holders of the Notes participate (other than in the case of (x) a share split or share combination or (y) a tender or exchange offer), at the same time and upon the same terms as holders of the Common Stock and solely as a result of holding the Notes, in any of the transactions described in this Section 14.04, without having to convert their Notes, as if they held a number of shares of Common Stock equal to the Conversion Rate, *multiplied by* the principal amount (expressed in thousands) of Notes held by such Holder.

(a) If the Company exclusively issues shares of Common Stock as a dividend or distribution on shares of the Common Stock, or if the Company effects a share split or share combination in respect of the Common Stock, the Conversion Rate shall be adjusted based on the following formula:

$$CR' = CR_0 \times \frac{OS'}{OS_0}$$

where,

- CR₀ = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date of such dividend or distribution, or immediately prior to the open of business on the Effective Date of such share split or share combination, as applicable;
- CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date or Effective Date, as applicable;
- OS₀ = the number of shares of Common Stock outstanding immediately prior to the open of business on such Ex-Dividend Date or Effective Date, as applicable, before giving effect to such dividend, distribution, share split or share combination; and
- OS' = the number of shares of Common Stock outstanding immediately after giving effect to such dividend, distribution, share split or share combination.

Any adjustment made under this Section 14.04(a) shall become effective immediately after the open of business on the Ex-Dividend Date for such dividend or distribution, or immediately after the open of business on the Effective Date for such share split or share combination, as applicable. If any dividend or distribution of the type described in this Section 14.04(a) is declared but not so paid or made, the Conversion Rate shall be immediately readjusted, effective as of the date the Board of Directors determines not to pay such dividend or distribution, to the Conversion Rate that would then be in effect if such dividend or distribution had not been declared.

(b) If the Company issues to all or substantially all holders of the Common Stock any rights, options or warrants (other than pursuant to a stockholders rights plan) entitling them, for a period of not more than 60 calendar days after the announcement date of such issuance, to subscribe for or purchase shares of the Common Stock at a price per share that is less than the average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of such issuance, the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{OS_0 + X}{OS_0 + Y}$$

where,

- CR_0 = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such issuance;
- CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date;
- OS_0 = the number of shares of Common Stock outstanding immediately prior to the open of business on such Ex-Dividend Date;
- X = the total number of shares of Common Stock issuable pursuant to such rights, options or warrants; and
- Y = the number of shares of Common Stock equal to the aggregate price payable to exercise such rights, options or warrants, divided by the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement of the issuance of such rights, options or warrants.

Any increase made under this Section 14.04(b) shall be made successively whenever any such rights, options or warrants are issued and shall become effective immediately after the open of business on the Ex-Dividend Date for such issuance. To the extent that shares of the Common Stock are not delivered after the expiration of such rights, options or warrants, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect had the increase with respect to the issuance of such rights, options or warrants been made on the basis of delivery of only the number of shares of Common Stock actually delivered. If such rights, options or warrants are not so issued, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect if such Ex-Dividend Date for such issuance had not occurred.

For purposes of this Section 14.04(b) and for the purpose of Section 14.01(b)(iii)(A), in determining whether any rights, options or warrants entitle the holders of Common Stock to subscribe for or purchase shares of the Common Stock at a price per share that is less than such average of the Last Reported Sale Prices of the Common Stock for the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date of announcement for such issuance, and in determining the aggregate offering price of such shares of Common Stock, there shall be taken into account any consideration received by the Company for such rights, options or warrants and any amount payable on exercise or conversion thereof, the value of such consideration, if other than cash, to be determined by the Company in good faith.

(c) If the Company distributes shares of its Capital Stock, evidences of its indebtedness, other assets or property of the Company or rights, options or warrants to acquire its Capital Stock or other securities, to all or substantially all holders of the Common Stock, excluding (i) dividends, distributions or issuances (including share splits) as to which an adjustment was effected (or would be effected, disregarding the 1% Provision) pursuant to Section 14.04(a) or Section 14.04(b), (ii) except as otherwise

described in Section 14.11, rights issued pursuant to any stockholders rights plan of the Company then in effect, (iii) dividends or distributions paid exclusively in cash as to which the provisions set forth in Section 14.04(d) shall apply, (iv) dividends or distributions of Reference Property in exchange for or upon conversion of the Common Stock in a Share Exchange Event, (v) Spin-Offs as to which the provisions set forth below in this Section 14.04(c) shall apply (any of such shares of Capital Stock, evidences of indebtedness, other assets or property or rights, options or warrants to acquire Capital Stock or other securities, the “**Distributed Property**”) and (vi) tender offers and exchange offers as to which an adjustment is effected (or would be effected, disregarding the 1% Provision) set forth below in this Section 14.04(e), then the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{SP_0}{SP_0 - FMV}$$

where,

- CR₀ = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such distribution;
- CR' = the Conversion Rate in effect immediately after the open of business on such Ex-Dividend Date;
- SP₀ = the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Ex-Dividend Date for such distribution; and
- FMV = the fair market value (as determined by the Company in good faith) of the Distributed Property with respect to each outstanding share of the Common Stock on the Ex-Dividend Date for such distribution.

Any increase made under the portion of this Section 14.04(c) above shall become effective immediately after the open of business on the Ex-Dividend Date for such distribution. If such distribution is not so paid or made, the Conversion Rate shall be decreased to the Conversion Rate that would then be in effect if such distribution had not been declared. Notwithstanding the foregoing, if “FMV” (as defined above) is equal to or greater than “SP₀” (as defined above), in lieu of the foregoing increase, each Holder of a Note shall receive, in respect of each \$1,000 principal amount thereof, at the same time and upon the same terms as holders of the Common Stock receive the Distributed Property, the amount and kind of Distributed Property such Holder would have received if such Holder owned a number of shares of Common Stock equal to the Conversion Rate in effect on the Ex-Dividend Date for the distribution. If the Company determines the “FMV” (as defined above) of any distribution for purposes of this Section 14.04(c) by reference to the actual or when-issued trading market for any securities, it shall in doing so consider the prices in such market over the same period used in computing the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the Ex-Dividend Date for such distribution.

With respect to an adjustment pursuant to this Section 14.04(c) where there has been a payment of a dividend or other distribution on the Common Stock of shares of Capital Stock of any class or series, or similar equity interest, of or relating to a Subsidiary or other business unit of the Company, that are, or, when issued, will be, listed or admitted for trading on a U.S. national securities exchange (a “**Spin-Off**”), the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{FMV_0 + MP_0}{MP_0}$$

where,

CR₀ = the Conversion Rate in effect immediately prior to the end of the Valuation Period;

CR' = the Conversion Rate in effect immediately after the end of the Valuation Period;

FMV₀ = the average of the Last Reported Sale Prices of the Capital Stock or similar equity interest distributed to holders of the Common Stock applicable to one share of the Common Stock (determined by reference to the definition of Last Reported Sale Price as set forth in Section 1.01 as if references therein to Common Stock were to such Capital Stock or similar equity interest) over the first 10 consecutive Trading Day period after, and including, the Ex-Dividend Date of the Spin-Off (the “Valuation Period”); and

MP₀ = the average of the Last Reported Sale Prices of the Common Stock over the Valuation Period.

The increase to the Conversion Rate under the preceding paragraph shall occur at the close of business on the last Trading Day of the Valuation Period; *provided* that (x) in respect of any conversion of Notes for which Physical Settlement is applicable, if the relevant Conversion Date occurs during the Valuation Period, references to “10” in the preceding paragraph shall be deemed to be replaced with such lesser number of Trading Days as have elapsed from, and including, the Ex-Dividend Date of such Spin-Off to, and including, the Conversion Date in determining the Conversion Rate and (y) in respect of any conversion of Notes for which Cash Settlement or Combination Settlement is applicable, for any Trading Day that falls within the relevant Observation Period for such conversion and within the Valuation Period, references to “10” in the preceding paragraph shall be deemed to be replaced with such lesser number of Trading Days as have elapsed from, and including, the Ex-Dividend Date for the Spin-Off to, and including, such Trading Day in determining the Conversion Rate as of such Trading Day of such Observation Period. If any dividend or distribution that constitutes a Spin-Off is declared but not so paid or made, the Conversion Rate shall be immediately decreased, effective as of the date the Board of Directors determines not to pay or make such dividend or distribution, to the Conversion Rate that would then be in effect if such dividend or distribution had not been declared or announced.

For purposes of this Section 14.04(c) (and subject in all respect to Section 14.11), rights, options or warrants distributed by the Company to all holders of the Common Stock entitling them to subscribe for or purchase shares of the Company's Capital Stock, including Common Stock (either initially or under certain circumstances), which rights, options or warrants, until the occurrence of a specified event or events ("**Trigger Event**"): (i) are deemed to be transferred with such shares of the Common Stock; (ii) are not exercisable; and (iii) are also issued in respect of future issuances of the Common Stock, shall be deemed not to have been distributed for purposes of this Section 14.04(c) (and no adjustment to the Conversion Rate under this Section 14.04(c) will be required) until the occurrence of the earliest Trigger Event, whereupon such rights, options or warrants shall be deemed to have been distributed and an appropriate adjustment (if any is required) to the Conversion Rate shall be made under this Section 14.04(c). If any such right, option or warrant, including any such existing rights, options or warrants distributed prior to the date of this Indenture, are subject to events, upon the occurrence of which such rights, options or warrants become exercisable to purchase different securities, evidences of indebtedness or other assets, then the date of the occurrence of any and each such event shall be deemed to be the date of distribution and Ex-Dividend Date with respect to new rights, options or warrants with such rights (in which case the existing rights, options or warrants shall be deemed to terminate and expire on such date without exercise by any of the holders thereof). In addition, in the event of any distribution (or deemed distribution) of rights, options or warrants, or any Trigger Event or other event (of the type described in the immediately preceding sentence) with respect thereto that was counted for purposes of calculating a distribution amount for which an adjustment to the Conversion Rate under this Section 14.04(c) was made, (1) in the case of any such rights, options or warrants that shall all have been redeemed or purchased without exercise by any holders thereof, upon such final redemption or purchase (x) the Conversion Rate shall be readjusted as if such rights, options or warrants had not been issued and (y) the Conversion Rate shall then again be readjusted to give effect to such distribution, deemed distribution or Trigger Event, as the case may be, as though it were a cash distribution, equal to the per share redemption or purchase price received by a holder or holders of Common Stock with respect to such rights, options or warrants (assuming such holder had retained such rights, options or warrants), made to all holders of Common Stock as of the date of such redemption or purchase, and (2) in the case of such rights, options or warrants that shall have expired or been terminated without exercise by any holders thereof, the Conversion Rate shall be readjusted as if such rights, options and warrants had not been issued.

For purposes of Section 14.04(a), Section 14.04(b) and this Section 14.04(c), if any dividend or distribution to which this Section 14.04(c) is applicable also includes one or both of:

(A) a dividend or distribution of shares of Common Stock to which Section 14.04(a) is applicable (the "**Clause A Distribution**"); or

(B) a dividend or distribution of rights, options or warrants to which Section 14.04(b) is applicable (the “**Clause B Distribution**”),

then, in either case, (1) such dividend or distribution, other than the Clause A Distribution and the Clause B Distribution, shall be deemed to be a dividend or distribution to which this Section 14.04(c) is applicable (the “**Clause C Distribution**”) and any Conversion Rate adjustment required by this Section 14.04(c) with respect to such Clause C Distribution shall then be made, and (2) the Clause A Distribution and Clause B Distribution shall be deemed to immediately follow the Clause C Distribution and any Conversion Rate adjustment required by Section 14.04(a) and Section 14.04(b) with respect thereto shall then be made, except that, if determined by the Company (I) the “Ex-Dividend Date” of the Clause A Distribution and the Clause B Distribution shall be deemed to be the Ex-Dividend Date of the Clause C Distribution and (II) any shares of Common Stock included in the Clause A Distribution or Clause B Distribution shall be deemed not to be “outstanding immediately prior to the open of business on such Ex-Dividend Date or Effective Date” within the meaning of Section 14.04(a) or “outstanding immediately prior to the open of business on such Ex-Dividend Date” within the meaning of Section 14.04(b).

(d) If the Company pays or makes any cash dividend or distribution to all or substantially all holders of the Common Stock, the Conversion Rate shall be adjusted based on the following formula:

$$CR' = CR_0 \times \frac{SP_0}{SP_0 - C}$$

where,

CR₀ = the Conversion Rate in effect immediately prior to the open of business on the Ex-Dividend Date for such dividend or distribution;

CR' = the Conversion Rate in effect immediately after the open of business on the Ex-Dividend Date for such dividend or distribution;

SP₀ = the Last Reported Sale Price of the Common Stock on the Trading Day immediately preceding the Ex-Dividend Date for such dividend or distribution; and

C = the amount in cash per share the Company dividends or distributes to all or substantially all holders of the Common Stock.

Any increase pursuant to this Section 14.04(d) shall become effective immediately after the open of business on the Ex-Dividend Date for such dividend or distribution. If such dividend or distribution is not so paid, the Conversion Rate shall be decreased, effective as of the date the Board of Directors determines not to make or pay such dividend or distribution, to be the Conversion Rate that would then be in effect if such dividend or distribution had not been declared. Notwithstanding the foregoing, if “C” (as defined

above) is equal to or greater than “SP₀” (as defined above), in lieu of the foregoing increase, each Holder of a Note shall receive, for each \$1,000 principal amount of Notes it holds, at the same time and upon the same terms as holders of shares of the Common Stock, the amount of cash that such Holder would have received if such Holder owned a number of shares of Common Stock equal to the Conversion Rate in effect on the Ex-Dividend Date for such cash dividend or distribution.

(e) If the Company or any of its Subsidiaries make a payment in respect of a tender or exchange offer for the Common Stock that is subject to the then-applicable tender offer rules under the Exchange Act (other than an odd lot tender offer), to the extent that the cash and value of any other consideration included in the payment per share of the Common Stock exceeds the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period commencing on, and including, the Trading Day next succeeding the last date on which tenders or exchanges may be made pursuant to such tender or exchange offer, the Conversion Rate shall be increased based on the following formula:

$$CR' = CR_0 \times \frac{AC + (SP' \times OS')}{OS_0 \times SP'}$$

where,

- CR₀ = the Conversion Rate in effect immediately prior to the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the date such tender or exchange offer expires (the date such tender offer or exchange offer expires, the “**Expiration Date**”);
- CR' = the Conversion Rate in effect immediately after the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the Expiration Date;
- AC = the aggregate value of all cash and any other consideration (as determined by the Company in good faith) paid or payable for shares of Common Stock purchased in such tender or exchange offer;
- OS₀ = the number of shares of Common Stock outstanding immediately prior to the Expiration Date (prior to giving effect to the purchase of all shares of Common Stock accepted for purchase or exchange in such tender or exchange offer);
- OS' = the number of shares of Common Stock outstanding immediately after the Expiration Date (after giving effect to the purchase of all shares of Common Stock accepted for purchase or exchange in such tender or exchange offer); and
- SP' = the average of the Last Reported Sale Prices of the Common Stock over the 10 consecutive Trading Day period commencing on, and including, the Trading Day next succeeding the Expiration Date.

The increase to the Conversion Rate under this Section 14.04(e) shall occur at the close of business on the 10th Trading Day immediately following, and including, the Trading Day next succeeding the date such tender or exchange offer expires; *provided* that (x) in respect of any conversion of Notes for which Physical Settlement is applicable, if the relevant Conversion Date occurs during the 10 Trading Days immediately following, and including, the Trading Day next succeeding the Expiration Date of any tender or exchange offer, references to “10” or “10th” in the preceding paragraph shall be deemed replaced with such lesser number of Trading Days as have elapsed from, and including, the Trading Day next succeeding the Expiration Date of such tender or exchange offer to, and including, the Conversion Date in determining the Conversion Rate and (y) in respect of any conversion of Notes for which Cash Settlement or Combination Settlement is applicable, for any Trading Day that falls within the relevant Observation Period for such conversion and within the 10 Trading Days immediately following, and including, the Trading Day next succeeding the Expiration Date of any tender or exchange offer, references to “10” or “10th” in the preceding paragraph shall be deemed replaced with such lesser number of Trading Days as have elapsed from, and including, the Trading Day next succeeding the Expiration Date of such tender or exchange offer to, and including, such Trading Day in determining the Conversion Rate as of such Trading Day.

In the event that the Company or one of its Subsidiaries is obligated to purchase shares of Common Stock pursuant to any such tender offer or exchange offer, but the Company is, or such Subsidiary is, permanently prevented by applicable law from consummating any such purchases, or all such purchases are rescinded, then the Conversion Rate shall be decreased to be the Conversion Rate that would then be in effect if such tender offer or exchange offer had not been made or had been made only in respect of the purchases that have been consummated.

(f) Notwithstanding this Section 14.04 or any other provision of this Indenture or the Notes, if a Conversion Rate adjustment becomes effective on any Ex-Dividend Date, and a Holder that has converted its Notes on or after such Ex-Dividend Date and on or prior to the related Record Date would be treated as the record holder of the shares of Common Stock as of the related Conversion Date as described under Section 14.02(i) based on an adjusted Conversion Rate for such Ex-Dividend Date, then, notwithstanding the Conversion Rate adjustment provisions in this Section 14.04, the Conversion Rate adjustment relating to such Ex-Dividend Date shall not be made for such converting Holder. Instead, such Holder shall be treated as if such Holder were the record owner of the shares of Common Stock on an unadjusted basis and participate in the related dividend, distribution or other event giving rise to such adjustment.

(g) Except as stated herein, the Company shall not adjust the Conversion Rate for the issuance of shares of the Common Stock or any securities convertible into or exchangeable for shares of the Common Stock or the right to purchase shares of the Common Stock or such convertible or exchangeable securities.

(h) In addition to those adjustments required by clauses (a), (b), (c), (d) and (e) of this Section 14.04, and to the extent permitted by applicable law and subject to the applicable rules of The Nasdaq Global Select Market, the Company from time to time may increase the Conversion Rate by any amount for a period of at least 20 Business Days if the Board of Directors determines that such increase would be in the Company's best interest. In addition, to the extent permitted by applicable law and subject to the applicable rules of The Nasdaq Global Select Market, the Company may (but is not required to) increase the Conversion Rate to avoid or diminish any income tax to holders of Common Stock or rights to purchase Common Stock in connection with a dividend or distribution of shares of Common Stock (or rights to acquire shares of Common Stock) or similar event. Whenever the Conversion Rate is increased pursuant to either of the preceding two sentences, the Company shall deliver to the Holder of each Note a notice of the increase at least 15 days prior to the date the increased Conversion Rate takes effect, and such notice shall state the increased Conversion Rate and the period during which it will be in effect.

(i) Except as stated in this Indenture, the Company shall not adjust the Conversion Rate for the issuance of shares of Common Stock or any securities convertible into or exchangeable for shares of Common Stock or the right to purchase shares of Common Stock or such convertible or exchangeable securities. For illustrative purposes only and without limiting the generality of the preceding sentence, the Conversion Rate shall not be adjusted:

(i) upon the issuance of shares of Common Stock at a price below the Conversion Price or otherwise, other than any such issuance described in Section 14.04(a), Section 14.04(b), Section 14.04(c) or Section 14.04(e);

(ii) upon the issuance of any shares of Common Stock pursuant to any present or future plan providing for the reinvestment of dividends or interest payable on the Company's securities and the investment of additional optional amounts in shares of Common Stock under any plan;

(iii) upon the issuance of any shares of Common Stock or options or rights to purchase those shares pursuant to any present or future employee, director or consultant benefit plan or program of or assumed by the Company or any of the Company's Subsidiaries;

(iv) upon the issuance of any shares of the Common Stock pursuant to any option, warrant, right or exercisable, exchangeable or convertible security not described in clause (iii) of this subsection and outstanding as of the date the Notes were first issued;

(v) upon the repurchase of any shares of Common Stock pursuant to an open market share repurchase program or other buy-back transaction, including structured or derivative transactions, that is not a tender or exchange offer described in Section 14.04(e);

(vi) solely for a change in the par value (or lack of par value) of the Common Stock; or

(vii) for accrued and unpaid interest, if any.

(j) All calculations and other determinations under this Article 14 shall be made by the Company and shall be made to the nearest one-ten thousandth (1/10,000th) of a share.

(k) If an adjustment to the Conversion Rate otherwise required by the provisions of this Section 14.04 would result in a change of less than 1% to the Conversion Rate, then, notwithstanding the foregoing, the Company may, at its election, defer and carry forward such adjustment, except that all such deferred adjustments must be given effect immediately upon the occurrence of any of the following:

(i) when all such deferred adjustments would result in an aggregate change of at least 1% to the Conversion Rate;

(ii) on the Conversion Date for any Notes (in the case of Physical Settlement);

(iii) on each Trading Day of any Observation Period related to any conversion of Notes (in the case of Cash Settlement or Combination Settlement);

(iv) on any date on which the Company delivers a Redemption Notice;

(v) on the effective date of any Fundamental Change and/or the Effective Date of any Make-Whole Fundamental Change; and

(vi) on June 15, 2027.

The provisions of this Section 14.04(k) are referred to herein as the “**1% Provision.**”

(l) Whenever the Conversion Rate is adjusted as herein provided, the Company shall promptly file with the Trustee (and the Conversion Agent if not the Trustee) an Officer's Certificate setting forth the Conversion Rate after such adjustment and setting forth a brief statement of the facts requiring such adjustment. Unless and until a Responsible Officer of the Trustee shall have received such Officer's Certificate, the Trustee shall not be deemed to have knowledge of any adjustment of the Conversion Rate and may assume without inquiry that the last Conversion Rate of which it has knowledge is still in effect. Promptly after delivery of such certificate, the Company shall prepare a written notice of such adjustment of the Conversion Rate setting forth the adjusted Conversion Rate and the date on which each adjustment becomes effective and shall deliver such notice of such adjustment of the Conversion Rate to each Holder (with a copy to the Trustee). Failure to deliver such notice shall not affect the legality or validity of any such adjustment.

(m) For purposes of this Section 14.04, the number of shares of Common Stock at any time outstanding shall not include shares of Common Stock held in the treasury of the Company so long as the Company does not pay any dividend or make any distribution on shares of Common Stock held in the treasury of the Company, but shall include shares of Common Stock issuable in respect of scrip certificates issued in lieu of fractions of shares of Common Stock.

Section 14.05. *Adjustments of Prices.* Whenever any provision of this Indenture requires the Company to calculate the Last Reported Sale Prices, the Daily VWAPs, the Daily Conversion Values or the Daily Settlement Amounts over a span of multiple days (including an Observation Period and the period for determining the Stock Price for purposes of a Make-Whole Fundamental Change or Redemption Notice), the Company shall make appropriate adjustments in good faith (without duplication in respect of any adjustment made pursuant to Section 14.04) to each to account for any adjustment to the Conversion Rate that becomes effective, or any event requiring an adjustment to the Conversion Rate where the Ex-Dividend Date, Effective Date or Expiration Date, as the case may be, of the event occurs, at any time during the period when the Last Reported Sale Prices, the Daily VWAPs, the Daily Conversion Values or the Daily Settlement Amounts are to be calculated.

Section 14.06. *Shares to Be Fully Paid.* The Company shall reserve, free from preemptive rights, out of its authorized but unissued shares or shares held in treasury, sufficient shares of Common Stock to provide for conversion of the Notes from time to time as such Notes are presented for conversion (assuming delivery of the maximum number of Additional Shares pursuant to Section 14.03 and that at the time of computation of such number of shares, all such Notes would be converted by a single Holder and that Physical Settlement were applicable).

Section 14.07. *Effect of Recapitalizations, Reclassifications and Changes of the Common Stock.*

(a) In the case of:

(i) any recapitalization, reclassification or change of the Common Stock (other than changes in par value or resulting from a subdivision or combination),

(ii) any consolidation, merger or combination involving the Company,

(iii) any sale, lease or other transfer to a third party of all or substantially all of the consolidated assets of the Company and the Company's Subsidiaries, taken as a whole, or

(iv) any statutory share exchange,

in each case, as a result of which the Common Stock would be converted into, or exchanged for, stock, other securities, other property or assets (including cash or any combination thereof) (any such event, a **“Share Exchange Event”**), then at and after the effective time of such Share Exchange Event, the right to convert each \$1,000 principal amount of Notes shall be changed into a right to convert such principal amount of Notes into the kind and amount of shares of stock, other securities or other property or assets (including cash or any combination thereof) that a holder of a number of shares of Common Stock equal to the Conversion Rate immediately prior to such Share Exchange Event would have owned or been entitled to receive (the **“Reference Property,”** with each **“unit of Reference Property”** meaning the kind and amount of Reference Property that a holder of one share of Common Stock is entitled to receive) upon such Share Exchange Event and, prior to or at the effective time of such Share Exchange Event, the Company or the successor or acquiring company, as the case may be, shall execute with the Trustee a supplemental indenture permitted under Section 10.01(g) providing for such change in the right to convert each \$1,000 principal amount of Notes; *provided, however*, that at and after the effective time of the Share Exchange Event (A) the Company or the successor or acquiring company, as the case may be, shall continue to have the right to determine the form of consideration to be paid or delivered, as the case may be, upon conversion of Notes in accordance with Section 14.02 and (B) (I) any amount payable in cash upon conversion of the Notes in accordance with Section 14.02 shall continue to be payable in cash, (II) any shares of Common Stock that the Company would have been required to deliver upon conversion of the Notes in accordance with Section 14.02 shall instead be deliverable in the amount and type of Reference Property that a holder of that number of shares of Common Stock would have been entitled to receive in such Share Exchange Event and (III) the Daily VWAP shall be calculated based on the value of a unit of Reference Property.

If the Share Exchange Event causes the Common Stock to be converted into, or exchanged for, the right to receive more than a single type of consideration (determined based in part upon any form of stockholder election), then (i) the Reference Property into which the Notes will be convertible shall be deemed to be the weighted average of the types and amounts of consideration actually received by the holders of Common Stock, and (ii) the unit of Reference Property for purposes of the immediately preceding paragraph shall refer to the consideration referred to in clause (i) attributable to one share of Common Stock. If the holders of the Common Stock receive only cash in such Share Exchange Event, then for all conversions for which the relevant Conversion Date occurs after the effective date of such Share Exchange Event (A) the consideration due upon conversion of each \$1,000 principal amount of Notes shall be solely cash in an amount equal to the Conversion Rate in effect on the Conversion Date (as may be increased by any Additional Shares pursuant to Section 14.03), *multiplied by* the price paid per share of Common Stock in such Share Exchange Event and (B) the Company shall satisfy the Conversion Obligation by paying such cash amount to converting Holders on the second Business Day immediately following the relevant Conversion Date. The Company shall notify Holders, the Trustee and the Conversion Agent (if other than the Trustee) of such weighted average as soon as reasonably practicable after such determination is made.

If the Reference Property in respect of any Share Exchange Event includes, in whole or in part, shares of common equity, such supplemental indenture described in the second immediately preceding paragraph shall provide for anti-dilution and other adjustments that shall be as nearly equivalent as is possible to the adjustments provided for in this Article 14 with respect to the portion of the Reference Property consisting of such common equity. If, in the case of any Share Exchange Event, the Reference Property includes shares of stock, securities or other property or assets (other than cash and/or cash equivalents) of a Person other than the successor or purchasing company, as the case may be, in such Share Exchange Event, then such supplemental indenture shall also be executed by such other Person, if such other Person is an affiliate of the Company or the successor or acquiring company, and shall contain such additional provisions to protect the interests of the Holders of the Notes as the Company in good faith reasonably considers necessary by reason of the foregoing, including the provisions providing for the purchase rights set forth in Article 15.

(b) When the Company executes a supplemental indenture pursuant to subsection (a) of this Section 14.07, the Company shall promptly file with the Trustee an Officer's Certificate briefly stating the reasons therefor, the kind or amount of cash, securities or property or asset that will comprise a unit of Reference Property after any such Share Exchange Event, any adjustment to be made with respect thereto and that all conditions precedent have been complied with, and shall promptly deliver notice thereof to all Holders. The Company shall cause notice of the execution of such supplemental indenture to be delivered to each Holder within 20 days after execution thereof. Failure to deliver such notice shall not affect the legality or validity of such supplemental indenture.

(c) The Company shall not become a party to any Share Exchange Event unless its terms are consistent with this Section 14.07. None of the foregoing provisions shall affect the right of a holder of Notes to convert its Notes into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, as set forth in Section 14.01 and Section 14.02 prior to the effective date of such Share Exchange Event.

(d) The above provisions of this Section shall similarly apply to successive Share Exchange Events.

Section 14.08. *Certain Covenants.* (a) Subject to Sections 14.02(d) and 14.02(e), the Company covenants that all shares of Common Stock issued upon conversion of Notes will be fully paid and non-assessable by the Company and free from all taxes, liens and charges with respect to the issue thereof.

(b) The Company covenants that, if any shares of Common Stock to be provided for the purpose of conversion of Notes hereunder require registration with or approval of any governmental authority under any federal or state law before such shares of Common Stock may be validly issued upon conversion, the Company will, to the extent then permitted by the rules and interpretations of the Commission, secure such registration or approval, as the case may be.

(c) The Company further covenants that if at any time the Common Stock shall be listed on any national securities exchange or automated quotation system the Company will list and use its commercially reasonable efforts to keep listed, so long as the Common Stock shall be so listed on such exchange or automated quotation system, any Common Stock issuable upon conversion of the Notes.

Section 14.09. *Responsibility of Trustee.* The Trustee and any other Conversion Agent shall not at any time be under any duty or responsibility to any Holder to determine the Conversion Rate (or any adjustment thereto) or whether any facts exist that may require any adjustment (including any increase) of the Conversion Rate, or with respect to the nature or extent or calculation of any such adjustment when made, or with respect to the method employed, or herein or in any supplemental indenture provided to be employed, in making the same. The Trustee and any other Conversion Agent shall not be accountable with respect to the validity or value (or the kind or amount) of any shares of Common Stock, or of any securities, property or cash that may at any time be issued or delivered upon the conversion of any Note; and the Trustee and any other Conversion Agent make no representations with respect thereto. Neither the Trustee nor any Conversion Agent shall be responsible for any failure of the Company to issue, transfer or deliver any shares of Common Stock or stock certificates or other securities or property or cash upon the surrender of any Note for the purpose of conversion or to comply with any of the duties, responsibilities or covenants of the Company contained in this Article. Without limiting the generality of the foregoing, neither the Trustee nor any Conversion Agent shall be under any responsibility to determine the correctness of any provisions contained in any supplemental indenture entered into pursuant to Section 14.07 relating either to the kind or amount of shares of stock or securities or property (including cash) receivable by Holders upon the conversion of their Notes after any event referred to in such Section 14.07 or to any adjustment to be made with respect thereto, but, subject to the provisions of Section 7.01, may accept (without any independent investigation) as conclusive evidence of the correctness of any such provisions, and shall be protected in conclusively relying upon, the Officer's Certificate (which the Company shall be obligated to file with the Trustee prior to the execution of any such supplemental indenture) with respect thereto. Neither the Trustee nor the Conversion Agent shall be responsible for determining whether any event contemplated by Section 14.01(b) has occurred that makes the Notes eligible for conversion or no longer eligible therefor. The Trustee and the Conversion Agent may conclusively rely upon any notice with respect to the commencement or termination of such conversion rights, and the Company agrees to deliver such notices to the Trustee and the Conversion Agent immediately after the occurrence of any such event or at such other times as shall be provided for in Section 14.01(b). Neither the Trustee nor any agent acting under this Indenture (other than the Company, if acting in such capacity) shall have any obligation to make any calculation or determine whether the Notes may be surrendered for conversion pursuant to this Indenture, or to notify the Company or the Depositary or any Holders if the Notes have become convertible pursuant to the terms of this Indenture.

Section 14.10. *Notice to Holders Prior to Certain Actions.* In case of any:

(a) action by the Company or one of its Subsidiaries that would require an adjustment in the Conversion Rate pursuant to Section 14.04 or Section 14.11;

(b) Share Exchange Event; or

(c) voluntary or involuntary dissolution, liquidation or winding-up of the Company;

then, in each case (unless notice of such event is otherwise required pursuant to another provision of this Indenture) and to the extent applicable, the Company shall cause to be delivered to the Trustee and the Conversion Agent (if other than the Trustee) and to be delivered to each Holder, a notice stating the date on which a record is to be taken for the purpose of such action by the Company or one of its Subsidiaries or, if a record is not to be taken, the date as of which the holders of Common Stock of record are to be determined for the purposes of such action by the Company or one of its Subsidiaries no later than the earlier of the date notice of such date is required to be provided under Rule 10b-17 of the Exchange Act, other applicable Commission rule or applicable rules of the principal U.S. national or regional securities exchange on which the Common Stock is then listed or admitted for trading and such date is publicly announced by the Company. Failure to give such notice, or any defect therein, shall not affect the legality or validity of such action by the Company or one of its Subsidiaries, Share Exchange Event, dissolution, liquidation or winding-up.

Section 14.11. *Stockholder Rights Plans.* If the Company has a stockholder rights plan in effect upon conversion of the Notes, each share of Common Stock, if any, issued upon such conversion shall be entitled to receive the appropriate number of rights, if any, under such stockholder rights plan and the certificates representing the Common Stock issued upon such conversion shall bear such legends, if any, in each case as may be provided by the terms of any such stockholder rights plan, as the same may be amended from time to time. However, if, prior to any conversion of Notes, the rights have separated from the shares of Common Stock in accordance with the provisions of the applicable stockholder rights plan, the Conversion Rate shall be adjusted at the time of separation as if the Company distributed to all or substantially all holders of the Common Stock Distributed Property as provided in Section 14.04(c), subject to readjustment in the event of the expiration, termination or redemption of such rights.

Section 14.12. *Exchange in Lieu of Conversion.* When a Holder surrenders its Notes for conversion, the Company may, at its election (an “**Exchange Election**”), cause the Notes to be delivered, on or prior to the close of business on the Trading Day following the Conversion Date, to a financial institution designated by the Company for exchange in lieu of conversion. In order to accept any Notes surrendered for conversion, the designated financial institution must agree to timely deliver, in exchange for such Notes, the cash, shares of Common Stock or combination thereof due upon conversion as described in Section 14.02. If the Company makes an Exchange Election, the Company shall, by the close of business on the Trading Day following the relevant Conversion Date, notify the Holder surrendering its Notes for conversion, the Trustee and the Conversion Agent (if other than the Trustee) in writing that it has made the Exchange Election, and the Company shall notify the designated financial institution of the Settlement Method it has elected with respect to such conversion and the relevant deadline for payment and/or delivery of cash, shares of Common Stock or a combination thereof due upon conversion.

The Company and the Conversion Agent shall cooperate to cause such Notes to be delivered to the designated financial institution and the Conversion Agent shall be entitled to conclusively rely on the Company's instruction in connection with effecting any Exchange Election and shall have no liability for such Exchange Election outside of its control.

Any Notes exchanged by the designated financial institution shall remain outstanding, notwithstanding the surrender of such Notes and will be subject to the Applicable Procedures. If the designated financial institution agrees to accept any Notes for exchange but does not timely pay and/or deliver the required cash, shares of Common Stock or a combination thereof due upon conversion, or if such designated financial institution does not accept the Notes for exchange, the Company shall notify the Trustee, the Conversion Agent (if other than the Trustee) and the Holder surrendering its Notes for conversion in writing and shall pay and/or deliver the required cash, shares of Common Stock or a combination thereof due upon conversion to the converting Holder at the time and in the manner required under this Indenture as if the Company had not made an Exchange Election.

The Company's designation of a financial institution to which the Notes may be submitted for exchange does not require that financial institution to accept any Notes (unless the financial institution has separately made an agreement with the Company). The Company may, but shall not be obligated to, enter into a separate agreement with any designated financial institution that would compensate it for any such transaction.

ARTICLE 15

REPURCHASE OF NOTES AT OPTION OF HOLDERS

Section 15.01. [Intentionally Omitted].

Section 15.02. *Repurchase at Option of Holders Upon a Fundamental Change.* (a) If a Fundamental Change (other than an Exempted Fundamental Change) occurs at any time, each Holder shall have the right, at such Holder's option, to require the Company to repurchase for cash all of such Holder's Notes, or any portion of the principal amount thereof that is equal to \$1,000 or an integral multiple of \$1,000, on the date (the "**Fundamental Change Repurchase Date**") specified by the Company that is not less than 20 Business Days or more than 35 Business Days following the date of the Fundamental Change Company Notice at a repurchase price equal to 100% of the principal amount thereof, *plus* accrued and unpaid interest thereon to, but excluding, the Fundamental Change Repurchase Date (the "**Fundamental Change Repurchase Price**"), unless the Fundamental Change Repurchase Date falls after a Regular Record Date but on or prior to the Interest Payment Date to which such Regular Record Date relates, in which case the Company shall instead pay the full amount of accrued and

unpaid interest (to, but not including, such Interest Payment Date) to Holders of record as of such Regular Record Date, and the Fundamental Change Repurchase Price shall be equal to 100% of the principal amount of Notes to be repurchased pursuant to this Article 15. The Fundamental Change Repurchase Date shall be subject to postponement in order to allow the Company to comply with applicable law.

(b) Repurchases of Notes under this Section 15.02 shall be made, at the option of the Holder thereof, upon:

(i) delivery to the Paying Agent or the tender agent appointed to facilitate the repurchase by a Holder of a duly completed notice (the “**Fundamental Change Repurchase Notice**”) in the form set forth in Attachment 2 to the Form of Note attached hereto as Exhibit A, if the Notes are Physical Notes, or in compliance with the Applicable Procedures for surrendering interests in Global Notes, if the Notes are Global Notes, in each case on or before the close of business on the Business Day immediately preceding the Fundamental Change Repurchase Date; and

(ii) delivery of the Notes, if the Notes are Physical Notes, to the Paying Agent at any time after delivery of the Fundamental Change Repurchase Notice (together with all necessary endorsements for transfer) at the office of the Paying Agent, or book-entry transfer of the Notes, if the Notes are Global Notes, in compliance with the procedures of the Depositary, in each case such delivery being a condition to receipt by the Holder of the Fundamental Change Repurchase Price therefor.

The Fundamental Change Repurchase Notice in respect of any Notes to be repurchased shall state:

- (i) in the case of Physical Notes, the certificate numbers of the Notes to be delivered for repurchase;
- (ii) the portion of the principal amount of Notes to be repurchased, which must be \$1,000 or an integral multiple thereof; and
- (iii) that the Notes are to be repurchased by the Company pursuant to the applicable provisions of the Notes and this Indenture;

provided, however, that if the Notes are Global Notes, the Fundamental Change Repurchase Notice must comply with the Applicable Procedures.

Notwithstanding anything herein to the contrary, any Holder delivering to the Paying Agent or tender agent the Fundamental Change Repurchase Notice contemplated by this Section 15.02 shall have the right to withdraw, in whole or in part, such Fundamental Change Repurchase Notice at any time prior to the close of business on the Business Day immediately preceding the Fundamental Change Repurchase Date by delivery of a written notice of withdrawal to the Paying Agent or tender agent in accordance with Section 15.03.

The Paying Agent shall promptly notify the Company of the receipt by it of any Fundamental Change Repurchase Notice or written notice of withdrawal thereof.

(c) On or before the 20th Business Day after the occurrence of the effective date of a Fundamental Change, the Company shall provide to all Holders of Notes, the Trustee, the Conversion Agent (if other than the Trustee) and the Paying Agent (in the case of a Paying Agent other than the Trustee) a notice (the “**Fundamental Change Company Notice**”) of the occurrence of the effective date of the Fundamental Change and of the repurchase right at the option of the Holders arising as a result thereof. In the case of Physical Notes, such notice shall be by first class mail or, in the case of Global Notes, such notice shall be delivered in accordance with the Applicable Procedures of the Depositary. Each Fundamental Change Company Notice shall specify:

- (i) the events causing the Fundamental Change;
- (ii) the effective date of the Fundamental Change;
- (iii) the last date on which a Holder may exercise the repurchase right pursuant to this Article 15;
- (iv) the Fundamental Change Repurchase Price;
- (v) the Fundamental Change Repurchase Date;
- (vi) the name and address of the Paying Agent and the Conversion Agent, if applicable;
- (vii) if applicable, the Conversion Rate and any adjustments to the Conversion Rate as a result of the related Make-Whole Fundamental Change and/or the 1% Provision;
- (viii) that the Notes with respect to which a Fundamental Change Repurchase Notice has been delivered by a Holder may be converted only if the Holder withdraws the Fundamental Change Repurchase Notice in accordance with the terms of this Indenture; and
- (ix) the procedures that Holders must follow to require the Company to repurchase their Notes.

No failure of the Company to give the foregoing notices and no defect therein shall limit the Holders’ repurchase rights or affect the validity of the proceedings for the repurchase of the Notes pursuant to this Section 15.02.

At the Company’s written request, given at least five days prior to the date the Fundamental Change Company Notice is to be sent, the Paying Agent shall give such notice in the Company’s name and at the Company’s expense; *provided, however*, that, in all cases, the text of such Fundamental Change Company Notice shall be prepared by the Company.

(d) Notwithstanding the foregoing, no Notes may be repurchased by the Company on any date at the option of the Holders in connection with a Fundamental Change if the principal amount of the Notes has been accelerated, and such acceleration has not been rescinded, on or prior to such date (except in the case of an acceleration resulting from a Default by the Company in the payment of the Fundamental Change Repurchase Price with respect to such Notes). The Paying Agent will promptly return to the respective Holders thereof any Physical Notes held by it during the acceleration of the Notes (except in the case of an acceleration resulting from a Default by the Company in the payment of the Fundamental Change Repurchase Price with respect to such Notes), or any instructions for book-entry transfer of the Notes in compliance with the Applicable Procedures shall be deemed to have been cancelled, and, upon such return or cancellation, as the case may be, the Fundamental Change Repurchase Notice with respect thereto shall be deemed to have been withdrawn.

(e) Notwithstanding anything to the contrary in this Indenture, the Company shall not be required to repurchase, or to make an offer to repurchase, the Notes upon a Fundamental Change if a third party makes such an offer in the same manner, at the same time and otherwise in compliance with the requirements for an offer made by the Company as set forth in this Article 15, and such third party purchases all Notes properly surrendered and not validly withdrawn under its offer in the same manner, at the same time and otherwise in compliance with the requirements for an offer made by the Company as set forth in this Article 15.

(f) Notwithstanding anything to the contrary in this Article 15, the Company shall not be required to send a Fundamental Change Company Notice, or offer to repurchase or repurchase Notes in connection with a Fundamental Change occurring pursuant to clause (b)(A) or (b)(B) (or pursuant to clause (a) or (d) that also constitutes a Fundamental Change occurring pursuant to clause (b)(A) or (b)(B)) of the definition thereof, if:

(i) such Fundamental Change constitutes a Share Exchange Event for which the Reference Property consists entirely of cash in U.S. dollars;

(ii) immediately after such Fundamental Change, the Notes become convertible (pursuant to the provisions described in Section 14.07 and, if applicable, Section 14.03) into consideration that consists solely of U.S. dollars in an amount per \$1,000 principal amount of Notes that equals or exceeds the Fundamental Change Repurchase Price per \$1,000 principal amount of the Notes (calculated assuming that the same includes the maximum amount of accrued but unpaid interest payable as part of the Fundamental Change Repurchase Price for such Fundamental Change); and

(iii) the Company timely sends notice of such Fundamental Change pursuant to Section 14.01(b)(iv).

(g) For purposes of this Article 15, the Paying Agent may be any agent, depositary, tender agent, paying agent or other agent appointed by the Company to accomplish the purposes set forth herein.

Section 15.03. *Withdrawal of Fundamental Change Repurchase Notice.* (a) A Fundamental Change Repurchase Notice may be withdrawn (in whole or in part) by means of a written notice of withdrawal delivered to the office of the Paying Agent in accordance with this Section 15.03 at any time prior to the close of business on the Business Day immediately preceding the Fundamental Change Repurchase Date, specifying:

(i) the principal amount of the Notes with respect to which such notice of withdrawal is being submitted, which must be \$1,000 or an integral multiple thereof,

(ii) if Physical Notes have been issued, the certificate number of the Note in respect of which such notice of withdrawal is being submitted, and

(iii) the principal amount, if any, of such Note that remains subject to the original Fundamental Change Repurchase Notice, which portion must be in principal amounts of \$1,000 or an integral multiple of \$1,000;

provided, however, that if the Notes are Global Notes, the notice of withdrawal must comply with appropriate procedures of the Depositary.

Section 15.04. *Deposit of Fundamental Change Repurchase Price.* (a) The Company will deposit with the Paying Agent, or if the Company is acting as its own Paying Agent, set aside, segregate and hold in trust as provided in Section 4.04) on or prior to 11:00 a.m., New York City time, on the Fundamental Change Repurchase Date (subject to extension in order to allow the Company to comply with applicable law) an amount of money sufficient to repurchase all of the Notes to be repurchased at the appropriate Fundamental Change Repurchase Price. Subject to receipt of funds and/or Notes by the Paying Agent, payment for Notes surrendered for repurchase (and not withdrawn prior to the close of business on the Business Day immediately preceding the Fundamental Change Repurchase Date) will be made on the later of (i) the Fundamental Change Repurchase Date (*provided* the Holder has satisfied the conditions in Section 15.02) and (ii) the time of book-entry transfer or the delivery of such Note to the Paying Agent by the Holder thereof in the manner required by Section 15.02 by mailing checks for the amount payable to the Holders of such Notes entitled thereto as they shall appear in the Note Register; *provided, however,* that payments to the Depositary shall be made by wire transfer of immediately available funds to the account of the Depositary or its nominee. The Paying Agent shall, promptly after such payment and upon written demand by the Company, return to the Company any funds in excess of the Fundamental Change Repurchase Price.

(b) If by 11:00 a.m. New York City time, on the Fundamental Change Repurchase Date, the Paying Agent or tender agent holds money sufficient to make payment on all the Notes or portions thereof that are to be repurchased on such Fundamental Change Repurchase Date, or, if extended in order to allow the Company to comply with applicable law, such later date, then, with respect to the Notes that have been properly surrendered for repurchase and have not been validly withdrawn, (i) such Notes will cease to be outstanding, (ii) interest will cease to accrue on such Notes on the Fundamental Change Repurchase Date or, if extended in order to allow the Company to comply with applicable law, such later date (whether or not book-entry transfer of the Notes has been made or the Notes have been delivered to the Paying Agent) and (iii) all other rights of the Holders of such Notes with respect to the Notes will terminate on the Fundamental Change Repurchase Date or, if extended in order to allow the Company to comply with applicable law, such later date (other than (x) the right to receive the Fundamental Change Repurchase Price and (y) if the Fundamental Change Repurchase Date falls after a Regular Record Date but on or prior to the related Interest Payment Date, the right of the Holder of record on such Regular Record Date to receive the full amount of accrued and unpaid interest, if any, to, but not including, such Interest Payment Date).

(c) Upon surrender of a Physical Note that is to be repurchased in part pursuant to Section 15.02, the Company shall execute and the Trustee shall authenticate and deliver to the Holder a new Physical Note in an authorized denomination equal in principal amount to the unrepurchased portion of the Physical Note surrendered.

Section 15.05. *Covenant to Comply with Applicable Laws Upon Repurchase of Notes.* In connection with any repurchase offer, the Company will, if required:

(a) comply with the tender offer rules under the Exchange Act;

(b) file a Schedule TO or any other required schedule under the Exchange Act; and

(c) otherwise comply in all material respects with all federal and state securities laws in connection with any offer by the Company to repurchase the Notes;

in each case, so as to permit the rights and obligations under this Article 15 to be exercised in the time and in the manner specified in this Article 15 subject to postponement in order to allow the Company to comply with applicable law. To the extent that the provisions of any securities laws or regulations conflict with the provisions of this Indenture relating to the Company's obligations to purchase the Notes upon a Fundamental Change, the Company will comply with the applicable securities laws and regulations and will not be deemed to have breached the Company's obligations under such provisions of this Indenture by virtue of such conflict.

ARTICLE 16 OPTIONAL REDEMPTION

Section 16.01. *Optional Redemption.* No sinking fund is provided for the Notes, which means that the Company is not required to redeem or retire the Notes periodically.

The Notes shall not be redeemable by the Company prior to September 20, 2025. On or after September 20, 2025, the Company may redeem (an “**Optional Redemption**”) for cash all or any portion of the Notes (subject to the Partial Redemption Limitation), at the Redemption Price, if the Last Reported Sale Price of the Common Stock has been at least 130% of the Conversion Price then in effect for at least 20 Trading Days (whether or not consecutive), including the Trading Day immediately preceding the date on which the Company provides the Redemption Notice in accordance with Section 16.02, during any 30 consecutive Trading Day period ending on, and including, the Trading Day immediately preceding the date on which the Company provides the Redemption Notice in accordance with Section 16.02.

Section 16.02. *Notice of Optional Redemption; Selection of Notes.* (a) In case the Company exercises its Optional Redemption right to redeem all or, as the case may be, any part of the Notes pursuant to Section 16.01, it shall fix a date for redemption (each, a “**Redemption Date**”) and it or, at its written request received by the Trustee not less than five Business Days prior to the date such Redemption Notice is to be sent (or such shorter period of time as may be acceptable to the Trustee), the Trustee, in the name of and at the expense of the Company, shall deliver or cause to be delivered a notice of such Optional Redemption (a “**Redemption Notice**”) not less than 25 nor more than 45 Scheduled Trading Days prior to the Redemption Date (*provided* that if, in accordance with the provisions described in Section 14.02, the Company elects to settle all conversions of Notes called for redemption (or deemed called for redemption as described in Section 14.01(b)(ii)) with a Conversion Date that occurs during the related Redemption Period by Physical Settlement, then the Company shall provide not less than 10 nor more than 45 Scheduled Trading Days’ notice before the Redemption Date) to the Trustee, the Conversion Agent (if other than the Trustee), the Paying Agent (if other than the Trustee) and each Holder of Notes. The Redemption Date must be a Business Day, and the Company shall not specify a Redemption Date that falls on or after the 21st Scheduled Trading Day immediately preceding the Maturity Date.

(b) The Redemption Notice shall be delivered in accordance with applicable procedures of the Depositary (if the Notes to be redeemed are Global Notes), and, if delivered in the manner herein provided, shall be conclusively presumed to have been duly given, whether or not the Holder receives such notice. In any case, failure to give such Redemption Notice by mail or any defect in the Redemption Notice to the Holder of any Note designated for redemption as a whole or in part shall not affect the validity of the proceedings for the redemption of any other Note.

(c) Each Redemption Notice shall specify:

(i) the Redemption Date;

(ii) the Redemption Price;

(iii) that on the Redemption Date, the Redemption Price will become due and payable upon each Note to be redeemed, and that interest thereon, if any, shall cease to accrue on and after the Redemption Date;

(iv) the place or places where such Notes are to be surrendered for payment of the Redemption Price;

(v) that Holders may surrender their Notes for conversion at any time prior to the close of business on the second Scheduled Trading Day immediately preceding the Redemption Date;

(vi) the procedures a converting Holder must follow to convert its Notes and the Settlement Method and Specified Dollar Amount, if applicable;

(vii) the Conversion Rate and, if applicable, the number of Additional Shares added to the Conversion Rate in accordance with Section 14.03;

(viii) the CUSIP, ISIN or other similar numbers, if any, assigned to such Notes; and

(ix) in case any Note is to be redeemed in part only, the portion of the principal amount thereof to be redeemed and on and after the Redemption Date, upon surrender of such Note, a new Note in principal amount equal to the unredeemed portion thereof shall be issued.

A Redemption Notice shall be irrevocable.

(d) If fewer than all of the outstanding Notes are to be redeemed and the Notes to be redeemed are Global Notes, the Notes to be redeemed will be selected by the Depositary in accordance with the Applicable Procedures. If fewer than all of the outstanding Notes are to be redeemed and the Notes to be redeemed are not Global Notes, the Trustee shall select the Notes or portions thereof to be redeemed (in principal amounts of \$1,000 or multiples thereof) by lot, on a *pro rata* basis or by another method in accordance with the Trustee's procedures. If the Company elects to redeem fewer than all of the outstanding Notes, at least \$100,000,000 aggregate principal amount of Notes must be outstanding and not subject to redemption as of, and after giving effect to, delivery of the relevant Redemption Notice (such requirement, the "**Partial Redemption Limitation**"). If the Trustee (or the Depositary, with respect to Global Notes) selects any Note for partial redemption and a Holder submits a portion of that Note after such selection, the portion of the Note submitted for conversion shall be deemed (so far as may be possible) to be the portion selected for redemption.

Section 16.03. *Payment of Notes Called for Redemption.* (a) If any Redemption Notice has been given in respect of the Notes in accordance with Section 16.02, the Notes shall become due and payable on the Redemption Date at the place or places stated in the Redemption Notice and at the applicable Redemption Price. On presentation and surrender of the Notes at the place or places stated in the Redemption Notice, the Notes shall be paid and redeemed by the Company at the applicable Redemption Price.

(b) Prior to 10:00 a.m. New York City time on the Redemption Date, the Company shall deposit with the Paying Agent or, if the Company or a Subsidiary of the Company is acting as the Paying Agent, shall segregate and hold in trust as provided in Section 7.05 an amount of cash (in immediately available funds if deposited on the Redemption Date), sufficient to pay the Redemption Price of all of the Notes to be redeemed on such Redemption Date. Subject to receipt of funds by the Paying Agent, payment for the Notes to be redeemed shall be made on the Redemption Date for such Notes. The Paying Agent shall, promptly after such payment and upon written demand by the Company, return to the Company any funds in excess of the Redemption Price.

Section 16.04. *Restrictions on Redemption.* The Company may not redeem any Notes on any date if the principal amount of the Notes has been accelerated in accordance with the terms of this Indenture, and such acceleration has not been rescinded, on or prior to the Redemption Date (except in the case of an acceleration resulting from a Default by the Company in the payment of the Redemption Price with respect to such Notes).

ARTICLE 17

MISCELLANEOUS PROVISIONS

Section 17.01. *Provisions Binding on Company's Successors.* All the covenants, stipulations, promises and agreements of the Company contained in this Indenture shall bind its successors and assigns whether so expressed or not.

Section 17.02. *Official Acts by Successor Corporation.* Any act or proceeding by any provision of this Indenture authorized or required to be done or performed by any board, committee or Officer of the Company shall and may be done and performed with like force and effect by the like board, committee or officer of any corporation or other entity that shall at the time be the lawful sole successor of the Company.

Section 17.03. *Addresses for Notices, Etc.* Any notice or demand that by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the Holders on the Company shall be deemed to have been sufficiently given or made, for all purposes if given or served by being deposited postage prepaid by overnight courier or sent electronically in PDF format or via registered or certified mail in a post office letter box addressed (until another address is filed by the Company with the Trustee) to Alnylam Pharmaceuticals, Inc., 675 West Kendall Street, Henri A. Termeer Square, Cambridge, Massachusetts 02142, Attention: Jeff Poulton, Email: jpoulton@alnylam.com, with a copy sent to Goodwin Procter LLP, 100 Northern Avenue, Boston, MA 02210, Attention: James Barri. Any notice, direction, request or demand hereunder to or upon the Trustee shall be deemed to have been sufficiently given or made or filed with, for all purposes, if it is in writing and actually received by the Trustee (including electronically or in PDF format or if given or served by being deposited postage prepaid by registered or certified mail in a post office letter box addressed to the Corporate Trust Office. In no event shall the Trustee or the Conversion Agent be obligated to monitor any website maintained by the Company or any press releases issued by the Company.

The Trustee, by notice to the Company, may designate additional or different addresses for subsequent notices or communications.

Any notice or communication delivered or to be delivered to a Holder of Physical Notes shall be mailed to it by first class mail, postage prepaid, at its address as it appears on the Note Register and shall be sufficiently given to it if so mailed within the time prescribed. Any notice or communication delivered or to be delivered to a Holder of Global Notes shall be delivered in accordance with the Applicable Procedures of the Depositary and shall be sufficiently given to it if so delivered within the time prescribed.

Failure to mail or deliver a notice or communication to a Holder or any defect in it shall not affect its sufficiency with respect to other Holders. If a notice or communication is mailed or delivered, as the case may be, in the manner provided above, it is duly given, whether or not the addressee receives it.

In case by reason of the suspension of regular mail service or by reason of any other cause it shall be impracticable to give such notice to Holders by mail, then such notification as shall be made with the approval of the Trustee shall constitute a sufficient notification for every purpose hereunder.

Section 17.04. *Governing Law; Jurisdiction.* THIS INDENTURE AND EACH NOTE, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS INDENTURE AND EACH NOTE, SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK (WITHOUT REGARD TO THE CONFLICTS OF LAWS PROVISIONS THEREOF).

The Company irrevocably consents and agrees, for the benefit of the Holders from time to time of the Notes and the Trustee, that any legal action, suit or proceeding against it with respect to obligations, liabilities or any other matter arising out of or in connection with this Indenture or the Notes may be brought in the courts of the State of New York or the courts of the United States of America located in the Borough of Manhattan, New York City, New York and, until amounts due and to become due in respect of the Notes have been paid, hereby irrevocably consents and submits to the non-exclusive jurisdiction of each such court *in personam*, generally and unconditionally with respect to any action, suit or proceeding for itself in respect of its properties, assets and revenues.

The Company irrevocably and unconditionally waives, to the fullest extent permitted by law, any objection which it may now or hereafter have to the laying of venue of any of the aforesaid actions, suits or proceedings arising out of or in connection with this Indenture brought in the courts of the State of New York or the courts of the United States of America located in the Borough of Manhattan, New York City, New York and hereby further irrevocably and unconditionally waives and agrees not to plead or claim in any such court that any such action, suit or proceeding brought in any such court has been brought in an inconvenient forum.

Section 17.05. *Evidence of Compliance with Conditions Precedent; Certificates and Opinions of Counsel to Trustee.* Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company shall, if requested by the Trustee, furnish to the Trustee an Officer's Certificate and an Opinion of Counsel, in form and substance reasonably satisfactory to the Trustee, stating that such action is permitted by the terms of this Indenture and that all conditions precedent to such action have been complied with.

Each Officer's Certificate and Opinion of Counsel provided for, by or on behalf of the Company in this Indenture and delivered to the Trustee with respect to compliance with this Indenture (other than the Officer's Certificates provided for in Section 4.08) shall include (a) a statement that the person signing such certificate is familiar with the requested action and this Indenture; (b) a brief statement as to the nature and scope of the examination or investigation upon which the statement contained in such certificate is based; (c) a statement that, in the judgment of such person, he or she has made such examination or investigation as is necessary to enable him or her to express an informed judgment as to whether or not such action is permitted by this Indenture; and (d) a statement as to whether or not, in the judgment of such person, such action is permitted by this Indenture and that all conditions precedent to such action have been complied with.

Section 17.06. *Legal Holidays.* In any case where any Interest Payment Date, any Redemption Date, any Fundamental Change Repurchase Date or the Maturity Date is not a Business Day or is not a Valid Payment Date, then any action to be taken on such date need not be taken on such date, but may be taken on the next succeeding Business Day that is a Valid Payment Date with the same force and effect as if taken on such date, and no interest shall accrue on any such payment in respect of the delay.

Section 17.07. *No Security Interest Created.* Nothing in this Indenture or in the Notes, expressed or implied, shall be construed to constitute a security interest under the Uniform Commercial Code or similar legislation, as now or hereafter enacted and in effect, in any jurisdiction.

Section 17.08. *Benefits of Indenture.* Nothing in this Indenture or in the Notes, expressed or implied, shall give to any Person, other than the Holders, the parties hereto, any Paying Agent, any Conversion Agent, any Bid Solicitation Agent, any Custodian, any authenticating agent, any Note Registrar and their successors hereunder, any benefit or any legal or equitable right, remedy or claim under this Indenture.

Section 17.09. *Table of Contents, Headings, Etc.* The table of contents and the titles and headings of the articles and sections of this Indenture have been inserted for convenience of reference only, are not to be considered a part hereof, and shall in no way modify or restrict any of the terms or provisions hereof.

Section 17.10. *Authenticating Agent.* The Trustee may appoint an authenticating agent that shall be authorized to act on its behalf and subject to its direction in the authentication and delivery of Notes in connection with the original issuance thereof and transfers and exchanges of Notes hereunder, including under Section 2.04, Section 2.05, Section 2.06, Section 2.07, Section 10.04 and Section 15.04 as fully to all intents and purposes as though the authenticating agent had been expressly authorized by this

Indenture and those Sections to authenticate and deliver Notes. For all purposes of this Indenture, the authentication and delivery of Notes by the authenticating agent shall be deemed to be authentication and delivery of such Notes “by the Trustee” and a certificate of authentication executed on behalf of the Trustee by an authenticating agent shall be deemed to satisfy any requirement hereunder or in the Notes for the Trustee’s certificate of authentication. Such authenticating agent shall at all times be a Person eligible to serve as trustee hereunder pursuant to Section 7.08.

Any corporation or other entity into which any authenticating agent may be merged or converted or with which it may be consolidated, or any corporation or other entity resulting from any merger, consolidation or conversion to which any authenticating agent shall be a party, or any corporation or other entity succeeding to the corporate trust business of any authenticating agent, shall be the successor of the authenticating agent hereunder, if such successor corporation or other entity is otherwise eligible under this Section 17.10, without the execution or filing of any paper or any further act on the part of the parties hereto or the authenticating agent or such successor corporation or other entity.

Any authenticating agent may at any time resign by giving written notice of resignation to the Trustee and to the Company. The Trustee may at any time terminate the agency of any authenticating agent by giving written notice of termination to such authenticating agent and to the Company. Upon receiving such a notice of resignation or upon such a termination, or in case at any time any authenticating agent shall cease to be eligible under this Section, the Trustee may appoint a successor authenticating agent (which may be the Trustee), shall give written notice of such appointment to the Company and shall deliver notice of such appointment to all Holders.

The Company agrees to pay to the authenticating agent from time to time reasonable compensation for its services although the Company may terminate the authenticating agent, if it determines such agent’s fees to be unreasonable.

The provisions of Section 7.02, Section 7.03, Section 7.04, Section 8.03 and this Section 17.10 shall be applicable to any authenticating agent.

If an authenticating agent is appointed pursuant to this Section 17.10, the Notes may have endorsed thereon, in addition to the Trustee’s certificate of authentication, an alternative certificate of authentication in the following form:

_____,
as Authenticating Agent, certifies that this is one of the Notes described
in the within-named Indenture.

By: _____
Authorized Signatory

Section 17.11. *Execution in Counterparts*. This Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Indenture and of signature pages by facsimile or PDF or other electronic transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF or other electronic means shall be deemed to be their original signatures for all purposes.

Section 17.12. *Severability; Entire Agreement*. In the event any provision of this Indenture or in the Notes shall be invalid, illegal or unenforceable, then (to the extent permitted by law) the validity, legality or enforceability of the remaining provisions shall not in any way be affected or impaired. This Indenture and the exhibits hereto set forth the entire agreement and understanding of the parties related to the transactions contemplated hereby and supersedes all prior agreements and understandings, oral or written.

Section 17.13. *Waiver of Jury Trial*. EACH OF THE COMPANY, THE HOLDERS AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE NOTES OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 17.14. *Force Majeure*. In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or natural catastrophes or acts of God, pandemics, epidemics, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services or the unavailability of the Federal Reserve Bank wire or telex or other wire or communication facility; it being understood that the Trustee shall use reasonable efforts that are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

Section 17.15. *Calculations*. The Company shall be responsible for making all calculations called for hereunder or under the Notes. These calculations include, but are not limited to, determinations of the Last Reported Sale Prices of the Common Stock, the Daily VWAPs, the Daily Conversion Values, the Daily Settlement Amounts, accrued interest payable on the Notes and the Conversion Rate of the Notes. The Company shall make all these calculations in good faith and, absent manifest error, the Company's calculations shall be final and binding on Holders of Notes. The Company shall provide a schedule of its calculations to each of the Trustee and the Conversion Agent, and each of the Trustee and Conversion Agent is entitled to rely conclusively upon the accuracy of the Company's calculations without independent verification. The Trustee will forward the Company's calculations to any Holder of Notes upon the written request of that Holder at the sole cost and expense of the Company. Neither the Trustee nor the Conversion Agent will have any responsibility to make calculations under this Indenture, nor will either of them have any responsibility to monitor the Company's stock or trading price, determine whether the conditions to convertibility of the Notes have been met or determine whether the circumstances requiring changes to the Conversion Rate have occurred.

Section 17.16. *USA PATRIOT Act.* The parties hereto acknowledge that in accordance with Section 326 of the USA PATRIOT Act, the Trustee, like all financial institutions and in order to help fight the funding of terrorism and money laundering, is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account with the Trustee. The parties to this Indenture agree that they will provide the Trustee with such information as it may request in order for the Trustee to satisfy the requirements of the USA PATRIOT Act.

Section 17.17. *Tax Withholding.* Any applicable withholding taxes (including backup withholding) may be withheld from interest and payments upon conversion, repurchase or maturity of the Notes, or if any withholding taxes (including backup withholding) are paid on behalf of a Holder or beneficial owner of Notes, those withholding taxes may be withheld from payments of cash or Common Stock, if any, payable on the Notes (or any payments on the Common Stock) or sales proceeds received by or other funds or assets of the Holder or beneficial owner. Further, in order to comply with applicable tax laws, rules and regulations, the Company and the Trustee agree to cooperate with each other and, if permitted by law and not subject to confidentiality obligations, share information each has in its possession (upon the reasonable request of the other) about any beneficial owner of Notes, to facilitate the determination of whether such party has tax related obligations in respect of any such beneficial owner of Notes arising under this Indenture pursuant to any such applicable tax laws, rules or regulations, and each agrees that Trustee may make any withholding or deduction from payments under the Indenture to the extent necessary to comply with such applicable laws, rules or regulations as described in the immediately preceding sentence.

Section 17.18. *Electronic Signatures.* The words “execution,” “signed,” “signature,” and words of similar import in this Indenture and the Notes shall be deemed to include electronic or digital signatures or the keeping of records in electronic form, each of which shall be of the same effect, validity, and enforceability as manually executed signatures or a paper-based recordkeeping system, as the case may be, to the extent and as provided for under applicable law, including the Electronic Signatures in Global and National Commerce Act of 2000 (15 U.S.C. §§7001-7006), the Electronic Signatures and Records Act of 1999 (N.Y. State Tech. §§ 301-309), or any other similar state laws based on the Uniform Electronic Transactions Act; *provided* that, notwithstanding anything herein to the contrary, the Trustee is not under any obligation to agree to accept electronic signatures in any form or in any format unless expressly agreed to by the Trustee pursuant to procedures approved by the Trustee.

Section 17.19. *Electronic Means.* The Trustee shall have the right to accept and act upon instructions, including funds transfer instructions (“**Instructions**”) given pursuant to this Indenture and delivered using Electronic Means (as hereinafter defined); provided, however, that the Company shall provide to the Trustee an incumbency certificate listing officers with the authority to provide such Instructions (“**Authorized Officers**”) and containing specimen signatures of such Authorized Officers, which

incumbency certificate shall be amended by the Company whenever a person is to be added or deleted from the listing. If the Company elects to give the Trustee Instructions using Electronic Means and the Trustee in its discretion elects to act upon such Instructions, the Trustee's understanding of such Instructions shall be deemed controlling. The Company understands and agrees that the Trustee cannot determine the identity of the actual sender of such Instructions and that the Trustee shall conclusively presume that directions that purport to have been sent by an Authorized Officer listed on the incumbency certificate provided to the Trustee have been sent by such Authorized Officer. The Company shall be responsible for ensuring that only Authorized Officers transmit such Instructions to the Trustee and that the Company and all Authorized Officers are solely responsible to safeguard the use and confidentiality of applicable user and authorization codes, passwords and/or authentication keys upon receipt by the Company. The Trustee shall not be liable for any losses, costs or expenses arising directly or indirectly from the Trustee's reliance upon and compliance with such Instructions notwithstanding such directions conflict or are inconsistent with a subsequent written instruction. The Company agrees: (i) to assume all risks arising out of the use of Electronic Means to submit Instructions to the Trustee, including without limitation the risk of the Trustee acting on unauthorized Instructions, and the risk of interception and misuse by third parties; (ii) that it is fully informed of the protections and risks associated with the various methods of transmitting Instructions to the Trustee and that there may be more secure methods of transmitting Instructions than the method(s) selected by the Company; (iii) that the security procedures (if any) to be followed in connection with its transmission of Instructions provide to it a commercially reasonable degree of protection in light of its particular needs and circumstances; and (iv) to notify the Trustee immediately upon learning of any compromise or unauthorized use of the security procedures. "**Electronic Means**" shall mean the following communications methods: e-mail, facsimile transmission, secure electronic transmission containing applicable authorization codes, passwords and/or authentication keys issued by the Trustee, or another method or system specified by the Trustee as available for use in connection with its services hereunder.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed as of the date first written above.

ALNYLAM PHARMACEUTICALS, INC.

By: /s/ Jeffrey V. Poulton
Name: Jeffrey V. Poulton
Title: Executive Vice President, Chief Financial Officer

THE BANK OF NEW YORK MELLON, as Trustee

By: /s/ Latoya S. Elvin
Name: Latoya S Elvin
Title: Vice President

[FORM OF FACE OF NOTE]

[INCLUDE FOLLOWING LEGEND IF A GLOBAL NOTE]

[UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION (“DTC”), TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE, OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT HEREUNDER IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE, OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.]

[INCLUDE FOLLOWING LEGEND IF A RESTRICTED SECURITY]

[THIS SECURITY AND THE COMMON STOCK, IF ANY, ISSUABLE UPON CONVERSION OF THIS SECURITY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT IN ACCORDANCE WITH THE FOLLOWING SENTENCE. BY ITS ACQUISITION HEREOF OR OF A BENEFICIAL INTEREST HEREIN, THE ACQUIRER:

(1) REPRESENTS THAT IT AND ANY ACCOUNT FOR WHICH IT IS ACTING IS A “QUALIFIED INSTITUTIONAL BUYER” (WITHIN THE MEANING OF RULE 144A UNDER THE SECURITIES ACT) AND THAT IT EXERCISES SOLE INVESTMENT DISCRETION WITH RESPECT TO EACH SUCH ACCOUNT, AND

(2) AGREES FOR THE BENEFIT OF ALNYLAM PHARMACEUTICALS, INC. (THE “COMPANY”) THAT IT WILL NOT OFFER, SELL, PLEDGE OR OTHERWISE TRANSFER THIS SECURITY OR ANY BENEFICIAL INTEREST HEREIN PRIOR TO THE DATE THAT IS THE LATER OF (X) ONE YEAR AFTER THE LAST ORIGINAL ISSUE DATE HEREOF OR SUCH SHORTER PERIOD OF TIME AS PERMITTED BY RULE 144 UNDER THE SECURITIES ACT OR ANY SUCCESSOR PROVISION THERETO AND (Y) SUCH LATER DATE, IF ANY, AS MAY BE REQUIRED BY APPLICABLE LAW, EXCEPT:

(A) TO THE COMPANY OR ANY SUBSIDIARY THEREOF, OR

(B) PURSUANT TO A REGISTRATION STATEMENT THAT HAS BECOME EFFECTIVE UNDER THE SECURITIES ACT AND IS EFFECTIVE AT THE TIME OF SUCH TRANSFER, OR

(C) TO A PERSON THAT YOU REASONABLY BELIEVE TO BE A QUALIFIED INSTITUTIONAL BUYER IN COMPLIANCE WITH RULE 144A UNDER THE SECURITIES ACT, OR

(D) PURSUANT TO AN EXEMPTION FROM REGISTRATION PROVIDED BY RULE 144 UNDER THE SECURITIES ACT OR ANY OTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

PRIOR TO THE REGISTRATION OF ANY TRANSFER IN ACCORDANCE WITH CLAUSE (2)(D) ABOVE, THE COMPANY RESERVES THE RIGHT TO REQUIRE THE DELIVERY OF SUCH LEGAL OPINIONS, CERTIFICATIONS OR OTHER EVIDENCE AS MAY REASONABLY BE REQUIRED IN ORDER TO DETERMINE THAT THE PROPOSED TRANSFER IS BEING MADE IN COMPLIANCE WITH THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS. NO REPRESENTATION IS MADE AS TO THE AVAILABILITY OF ANY EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT.

NO AFFILIATE (AS DEFINED IN RULE 144 UNDER THE SECURITIES ACT) OF THE COMPANY OR PERSON THAT HAS BEEN AN AFFILIATE (AS DEFINED IN RULE 144 UNDER THE SECURITIES ACT) OF THE COMPANY DURING THE IMMEDIATELY PRECEDING THREE MONTHS MAY PURCHASE, OTHERWISE ACQUIRE OR HOLD THIS SECURITY OR A BENEFICIAL INTEREST HEREIN.]¹

¹ The Restrictive Legend shall be deemed removed from the face of this Note without further action by the Company, Trustee or the Holders of this Note at such time and in the manner provided under Section 2.05 of the Indenture.

Alnylam Pharmaceuticals, Inc.
1.00% Convertible Senior Note due 2027

No. [_____]

[Initially]² \$[_____]

CUSIP No. 02043Q AA5³

Alnylam Pharmaceuticals, Inc., a corporation duly organized and validly existing under the laws of the State of Delaware (the “**Company**,” which term includes any successor corporation or other entity under the Indenture referred to on the reverse hereof), for value received hereby promises to pay to [CEDE & CO.]⁴ [_____] ⁵, or registered assigns, the principal sum [as set forth in the “Schedule of Exchanges of Notes” attached hereto]⁶ [of \$[_____] ⁷], which amount, taken together with the principal amounts of all other outstanding Notes, shall not, unless permitted by the Indenture, exceed \$1,035,000,000 in aggregate at any time, in accordance with the rules and procedures of the Depositary, on September 15, 2027, and interest thereon as set forth below.

This Note shall bear interest at the rate of 1.00% per year from September 15, 2022, or from, and including, the most recent date on which interest had been paid or duly provided for to, but excluding, the next scheduled Interest Payment Date until September 15, 2027. Accrued interest on the Notes shall be computed on the basis of a 360-day year composed of twelve 30-day months and, for partial months, on the basis of the number of days actually elapsed in a 30-day month. Interest is payable semi-annually in arrears on each March 15 and September 15, commencing on March 15, 2023, to Holders of record at the close of business on the preceding March 1 and September 1 (whether or not such day is a Business Day), respectively. Additional Interest will be payable as set forth in Section 4.06(d), Section 4.06(e) and Section 6.03 of the within-mentioned Indenture, and any reference to interest on, or in respect of, any Note therein shall be deemed to include Additional Interest if, in such context, Additional Interest is, was or would be payable pursuant to any of such Section 4.06(d), Section 4.06(e) or Section 6.03, and any express mention of the payment of Additional Interest in any provision therein shall not be construed as excluding Additional Interest in those provisions thereof where such express mention is not made.

² Include if a global note.

³ At such time as the Company notifies the Trustee that the Restrictive Legend is to be removed in accordance with the Indenture, the CUSIP number for this Note shall be deemed to be 02043Q AB3.

⁴ Include if a global note.

⁵ Include if a physical note.

⁶ Include if a global note.

⁷ Include if a physical note.

Any Defaulted Amounts shall accrue interest per annum at the rate borne by the Notes, subject to the enforceability thereof under applicable law, from, and including, the relevant payment date to, but excluding, the date on which such Defaulted Amounts shall have been paid by the Company, at its election, in accordance with Section 2.03(c) of the Indenture.

The Company shall pay the principal of and interest on this Note, if and so long as such Note is a Global Note, by wire transfer of immediately available funds to the Depositary or its nominee, as the case may be, as the registered Holder of such Note. As provided in and subject to the provisions of the Indenture, the Company shall pay the principal of any Notes (other than Notes that are Global Notes) at the office or agency designated by the Company for that purpose. The Company has initially designated the Trustee as its Paying Agent and Note Registrar in respect of the Notes and the Corporate Trust Office as a place where Notes may be presented for payment or for registration of transfer and exchange.

Reference is made to the further provisions of this Note set forth on the reverse hereof, including, without limitation, provisions giving the Holder of this Note the right to convert this Note into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, on the terms and subject to the limitations set forth in the Indenture. Such further provisions shall for all purposes have the same effect as though fully set forth at this place.

This Note, and any claim, controversy or dispute arising under or related to this Note, shall be construed in accordance with and governed by the laws of the State of New York (without regard to the conflicts of laws provisions thereof).

In the case of any conflict between this Note and the Indenture, the provisions of the Indenture shall control and govern.

This Note shall not be valid or become obligatory for any purpose until the certificate of authentication hereon shall have been signed manually, electronically or by facsimile by the Trustee or a duly authorized authenticating agent under the Indenture.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Company has caused this Note to be duly executed.

ALNYLAM PHARMACEUTICALS, INC.

By: _____
Name:
Title:

Dated:

TRUSTEE’S CERTIFICATE OF AUTHENTICATION

THE BANK OF NEW YORK MELLON
as Trustee, certifies that this is one of the Notes described in
the within-named Indenture.

By: _____
Authorized Signatory

[FORM OF REVERSE OF NOTE]

Alnylam Pharmaceuticals, Inc.
1.00% Convertible Senior Note due 2027

This Note is one of a duly authorized issue of Notes of the Company, designated as its 1.00% Convertible Senior Notes due 2027 (the “**Notes**”), limited to the aggregate principal amount of \$1,035,000,000, all issued or to be issued under and pursuant to an Indenture dated as of September 15, 2022 (the “**Indenture**”), between the Company and The Bank of New York Mellon, as trustee (the “**Trustee**”), to which Indenture and all indentures supplemental thereto reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the Holders of the Notes. Additional Notes may be issued in an unlimited aggregate principal amount, subject to certain conditions specified in the Indenture. Capitalized terms used in this Note and not defined in this Note shall have the respective meanings set forth in the Indenture.

In case certain Events of Default shall have occurred and be continuing, the principal of, and interest on, all Notes may be declared, by either the Trustee or Holders of at least 25% in aggregate principal amount of Notes then outstanding, and upon said declaration shall become, due and payable, in the manner, with the effect and subject to the conditions and certain exceptions set forth in the Indenture.

Subject to the terms and conditions of the Indenture, the Company will make all payments and deliveries in respect of the Fundamental Change Repurchase Price on the Fundamental Change Repurchase Date, the Redemption Price on any Redemption Date and the principal amount on the Maturity Date, as the case may be, to the Holder who surrenders a Note to a Paying Agent to collect such payments in respect of the Note. The Company will pay cash amounts in money of the United States of America that at the time of payment is legal tender for payment of public and private debts.

The Indenture contains provisions permitting the Company and the Trustee in certain circumstances, without the consent of the Holders of the Notes, and in certain other circumstances, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes at the time outstanding, evidenced as in the Indenture provided, to execute supplemental indentures modifying the terms of the Indenture and the Notes as described therein. It is also provided in the Indenture that, subject to certain exceptions, the Holders of a majority in aggregate principal amount of the Notes at the time outstanding may on behalf of the Holders of all of the Notes waive any past Default or Event of Default under the Indenture and its consequences.

Notwithstanding any other provision of the Indenture or any provision of this Note, each Holder shall have the contractual right to receive payment or delivery, as the case may be, of (x) the principal (including the Redemption Price and the Fundamental Change Repurchase Price, if applicable) of, (y) accrued and unpaid interest, if any, on, and (z) the consideration due upon conversion of, this Note, on or after the respective due dates expressed or provided for in this Note or in the Indenture, and the contractual right to institute suit for the enforcement of any such payment or delivery, as the case may be, on or after such respective dates, shall not be amended without the consent of each Holder.

The Notes are issuable in registered form without coupons in minimum denominations of \$1,000 principal amount and integral multiples in excess thereof. At the office or agency of the Company referred to on the face hereof, and in the manner and subject to the limitations provided in the Indenture, Notes may be exchanged for a like aggregate principal amount of Notes of other authorized denominations, without payment of any service charge but, if required by the Company or Trustee, with payment of a sum sufficient to cover any transfer or similar tax that may be imposed in connection therewith as a result of the name of the Holder of the new Notes issued upon such exchange of Notes being different from the name of the Holder of the old Notes surrendered for such exchange.

The Notes shall be redeemable at the Company's option on or after September 20, 2025 in accordance with the terms and subject to the conditions specified in the Indenture. No sinking fund is provided for the Notes.

Upon the occurrence of a Fundamental Change, the Holder has the right, at such Holder's option, to require the Company to repurchase for cash all of such Holder's Notes or any portion thereof (in principal amounts of \$1,000 or integral multiples thereof) on the Fundamental Change Repurchase Date at a price equal to the Fundamental Change Repurchase Price.

Subject to the provisions of the Indenture, the Holder hereof has the right, at its option, during certain periods and upon the occurrence of certain conditions specified in the Indenture, prior to the close of business on the second Scheduled Trading Day immediately preceding the Maturity Date, to convert any Notes or portion thereof that is \$1,000 or an integral multiple thereof, into cash, shares of Common Stock or a combination of cash and shares of Common Stock, as applicable, at the Conversion Rate specified in the Indenture, as adjusted from time to time as provided in the Indenture.

ABBREVIATIONS

The following abbreviations, when used in the inscription of the face of this Note, shall be construed as though they were written out in full according to applicable laws or regulations:

TEN COM = as tenants in common

UNIF GIFT MIN ACT = Uniform Gifts to Minors Act

CUST = Custodian

TEN ENT = as tenants by the entireties

JT TEN = joint tenants with right of survivorship and not as tenants in common

Additional abbreviations may also be used though not in the above list.

[FORM OF NOTICE OF CONVERSION]

To: The Bank of New York Mellon
240 Greenwich Street, 7th Floor
New York, New York 10286
Attention: Corporate Trust Administration

The undersigned registered owner of this Note hereby exercises the option to convert this Note, or the portion hereof (that is \$1,000 principal amount or an integral multiple thereof) below designated, into cash, shares of Common Stock or a combination of cash and shares of Common Stock, at the Company's election, in accordance with the terms of the Indenture referred to in this Note, and directs that any cash payable and any shares of Common Stock issuable and deliverable upon such conversion, together with any cash for any fractional share, and any Notes representing any unconverted principal amount hereof, be issued and delivered to the registered Holder hereof unless a different name has been indicated below. If any shares of Common Stock or any portion of this Note not converted are to be issued in the name of a Person other than the undersigned, the undersigned will pay all documentary, stamp or similar issue or transfer taxes, if any in accordance with Section 14.02(d) and Section 14.02(e) of the Indenture. Any amount required to be paid to the undersigned on account of interest accompanies this Note. Capitalized terms used herein but not defined shall have the meanings ascribed to such terms in the Indenture.

Dated: _____

Signature(s)

Signature Guarantee

Signature(s) must be guaranteed by an eligible Guarantor Institution (banks, stock brokers, savings and loan associations and credit unions) with membership in an approved signature guarantee medallion program pursuant to Securities and Exchange Commission Rule 17Ad-15 if shares of Common Stock are to be issued, or Notes are to be delivered, other than to and in the name of the registered holder.

Fill in for registration of shares if to be issued, and Notes if to be delivered, other than to and in the name of the registered holder:

(Name)

(Street Address)

(City, State and Zip Code)
Please print name and address

Principal amount to be converted (if less than all):
\$_____,000

NOTICE: The above signature(s) of the Holder(s) hereof must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

Social Security or Other Taxpayer Identification Number

[FORM OF FUNDAMENTAL CHANGE REPURCHASE NOTICE]

To: Paying Agent

The undersigned registered owner of this Note hereby acknowledges receipt of a notice from Alnylam Pharmaceuticals, Inc. (the “**Company**”) as to the occurrence of a Fundamental Change with respect to the Company and specifying the Fundamental Change Repurchase Date and requests and instructs the Company to pay to the registered holder hereof in accordance with Section 15.02 of the Indenture referred to in this Note (1) the entire principal amount of this Note, or the portion thereof (that is \$1,000 principal amount or an integral multiple thereof) below designated, and (2) if such Fundamental Change Repurchase Date does not fall during the period after a Regular Record Date and on or prior to the corresponding Interest Payment Date, accrued and unpaid interest, if any, thereon to, but excluding, such Fundamental Change Repurchase Date. Capitalized terms used herein but not defined shall have the meanings ascribed to such terms in the Indenture.

In the case of Physical Notes, the certificate numbers of the Notes to be repurchased are as set forth below:

Dated: _____

Signature(s)

Social Security or Other Taxpayer Identification Number

Principal amount to be repaid (if less than all): \$_____,000

NOTICE: The above signature(s) of the Holder(s) hereof must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

[FORM OF ASSIGNMENT AND TRANSFER]

For value received _____ hereby sell(s), assign(s) and transfer(s) unto _____ (Please insert social security or Taxpayer Identification Number of assignee) the within Note, and hereby irrevocably constitutes and appoints _____ attorney to transfer the said Note on the books of the Company, with full power of substitution in the premises.

In connection with any transfer of the within Note occurring prior to the Resale Restriction Termination Date, as defined in the Indenture governing such Note, the undersigned confirms that such Note is being transferred:

- ☐ To Alnylam Pharmaceuticals, Inc. or a subsidiary thereof; or
- ☐ Pursuant to a registration statement that has become or been declared effective under the Securities Act of 1933, as amended; or
- ☐ Pursuant to and in compliance with Rule 144A under the Securities Act of 1933, as amended; or
- ☐ Pursuant to and in compliance with Rule 144 under the Securities Act of 1933, as amended, or any other available exemption from the registration requirements of the Securities Act of 1933, as amended.

Dated: _____

Signature(s)

Signature Guarantee

Signature(s) must be guaranteed by an eligible Guarantor Institution (banks, stock brokers, savings and loan associations and credit unions) with membership in an approved signature guarantee medallion program pursuant to Securities and Exchange Commission Rule 17Ad-15 if Notes are to be delivered, other than to and in the name of the registered holder.

NOTICE: The signature on the assignment must correspond with the name as written upon the face of the Note in every particular without alteration or enlargement or any change whatever.

[Insert Dealer Name]
[Insert Dealer Address]

DATE: September [], 2022

TO: Alnylam Pharmaceuticals, Inc.
675 West Kendall Street, Henri A. Termeer Square
Cambridge, Massachusetts 02142

FROM: [Insert Dealer Name]

SUBJECT: [Base][Additional] Call Option Transaction

The purpose of this letter agreement (this “**Confirmation**”) is to confirm the terms and conditions of the call option transaction entered into between [Dealer] (“**Dealer**”) and Alnylam Pharmaceuticals, Inc. (“**Counterparty**”) as of the Trade Date specified below (the “**Transaction**”). This letter agreement constitutes a “Confirmation” as referred to in the ISDA Master Agreement specified below. This Confirmation shall replace any previous agreements and serve as the final documentation for the Transaction.

The definitions and provisions contained in the 2002 ISDA Equity Derivatives Definitions (the “**Equity Definitions**”), as published by the International Swaps and Derivatives Association, Inc. (“**ISDA**”), are incorporated into this Confirmation. In the event of any inconsistency between the Equity Definitions and this Confirmation, this Confirmation shall govern. Certain defined terms used herein are based on terms that are defined in the Offering Memorandum dated September [], 2022 (the “**Offering Memorandum**”) relating to the []% Convertible Senior Notes due 2027 (as originally issued by Counterparty, the “**Convertible Notes**” and each USD 1,000 principal amount of Convertible Notes, a “**Convertible Note**”) issued by Counterparty in an aggregate initial principal amount of USD [1,000,000,000] (as increased by [up to]¹ an additional aggregate principal amount of USD [150,000,000] [if and to the extent that]² [pursuant to the exercise by]³ the Initial Purchasers (as defined herein) [exercise]⁴[of]⁵ their option to purchase additional Convertible Notes pursuant to the Purchase Agreement (as defined herein)) pursuant to an Indenture [to be]⁶ dated September [], 2022 between Counterparty and [Trustee], as trustee (the “**Indenture**”). In the event of any inconsistency between the terms defined in the Offering Memorandum, the Indenture and this Confirmation, this Confirmation shall govern. [The parties acknowledge that this Confirmation is entered into on the date hereof with the understanding that (i) definitions set forth in the Indenture that are also defined herein by reference to the Indenture and (ii) sections of the Indenture that are referred to herein, in each case, will conform to the descriptions thereof in the Offering Memorandum.]⁷ If any such definitions in the Indenture or any such sections of the Indenture differ from the descriptions thereof in the Offering Memorandum, the descriptions thereof in the Offering Memorandum will govern for purposes of this Confirmation. The parties further acknowledge that the Indenture section numbers used herein are based on the [draft of the Indenture last reviewed by Dealer as of the date of this Confirmation, and if any such section numbers are changed in the Indenture as executed, the parties will amend this Confirmation in good faith to preserve the intent of the parties]⁸[Indenture as executed]⁹. Subject to the foregoing, references to the Indenture herein are references to the Indenture as in effect on the date of its execution, and if the Indenture is amended or supplemented following such date, any such amendment or supplement (other than any amendment or supplement (x) pursuant to Section []¹⁰ of the Indenture that, as determined by the Calculation Agent, conforms the Indenture to the description of the Convertible Notes in the Offering Memorandum and (y)

¹ Include in the Base Call Option Confirmation.

² Include in the Base Call Option Confirmation.

³ Include in the Additional Call Option Confirmation.

⁴ Include in the Base Call Option Confirmation.

⁵ Include in the Additional Call Option Confirmation.

⁶ Insert if Indenture is not completed at the time of the Confirmation.

⁷ All indenture cross-references and defined terms are subject to review of draft of Indenture.

⁸ Include in the Base Call Option Confirmation. Include in the Additional Call Option Confirmation if it is executed before closing of the base deal.

⁹ Include in the Additional Call Option Confirmation, but only if the Additional Call Option Confirmation is executed after closing of the base deal.

¹⁰ Include cross-reference to Indenture section permitting amendments without holder consent to conform the Indenture to the Description of Notes.

pursuant to Section []¹¹ of the Indenture, subject, in the case of this clause (y), to the second paragraph under “Method of Adjustment” in Section 3 below) will be disregarded for purposes of this Confirmation unless the parties agree otherwise in writing. For purposes of the Equity Definitions, the Transaction shall be deemed to be a Share Option Transaction.

Each party is hereby advised, and each such party acknowledges, that the other party has engaged in, or refrained from engaging in, substantial financial transactions and has taken other material actions in reliance upon the parties’ entry into the Transaction to which this Confirmation relates on the terms and conditions set forth below.

1. This Confirmation evidences a complete and binding agreement between Dealer and Counterparty as to the terms of the Transaction to which this Confirmation relates. This Confirmation shall be subject to an agreement (the “**Agreement**”) in the form of the 2002 ISDA Master Agreement as if Dealer and Counterparty had executed an agreement in such form on the date hereof (but without any Schedule except for (i) the election of US Dollars (“**USD**”) as the Termination Currency, (ii) the election of the laws of the State of New York as the governing law (without reference to choice of law doctrine), (iii) the election of an executed guarantee of [] (“**Guarantor**”) dated as of the Trade Date in customary form as a Credit Support Document, (iv) the election of Guarantor as Credit Support Provider in relation to Dealer]¹² and [(v)][(iii)] (A) the election that the “Cross Default” provisions of Section 5(a)(vi) of the Agreement shall apply to Dealer with a “Threshold Amount” of three percent of Dealer’s parent’s shareholders’ equity; *provided* that “Specified Indebtedness” shall not include obligations in respect of deposits received in the ordinary course of Dealer’s banking business, (B) the phrase “or becoming capable at such time of being declared” shall be deleted from clause (1) of such Section 5(a)(vi) and (C) the following language shall be added to the end thereof “Notwithstanding the foregoing, a default under subsection (2) hereof shall not constitute an Event of Default if (x) the default was caused solely by error or omission of an administrative or operational nature; (y) funds were available to enable the party to make the payment when due; and (z) the payment is made within two Local Business Days of such party’s receipt of written notice of its failure to pay.”).

2. The terms of the particular Transaction to which this Confirmation relates are as follows:

General Terms.

Trade Date:	[], 2022
Effective Date:	The Premium Payment Date (it being understood, for the avoidance of doubt, that Section 9(u) of this Confirmation shall be effective as of the Trade Date)
Option Style:	“Modified American”, as described opposite the caption “Procedures for Exercise” below
Option Type:	Call
Buyer:	Counterparty
Seller:	Dealer
Shares:	The common stock of Counterparty, USD 0.01 par value per share (Exchange symbol “ALNY”)
Number of Options:	[] ¹³ . For the avoidance of doubt, the Number of Options shall be reduced by any Options exercised or deemed exercised by Counterparty. In no event will the Number of Options be less than zero.

¹¹ Include cross-reference to Indenture section relating to Merger Events.

¹² To be included for Dealers without a long-term debt rating (to be ultimate parent if applicable).

¹³ For the Base Call Option Confirmation, this is equal to the number of Convertible Notes in principal amount of \$1,000 initially issued on the closing date for the Convertible Notes. For the Additional Call Option Confirmation, this is equal to the number of additional Convertible Notes in principal amount of \$1,000.

Applicable Percentage: []¹⁴ %

Option Entitlement: A number equal to the product of the Applicable Percentage and []¹⁵.

Strike Price: USD []

Cap Price: USD []

Premium: USD []

Premium Payment Date: [], 2022

Exchange: The Nasdaq Global Select Market

Related Exchange(s): All Exchanges

Excluded Provisions: Section []¹⁶ and Section []¹⁷ of the Indenture.

Procedures for Exercise.

Conversion Date: With respect to any conversion of a Convertible Note (other than any conversion of Convertible Notes with a Conversion Date occurring prior to the Free Convertibility Date (any such conversion, an “**Early Conversion**”), which conversion shall be subject to the provisions set forth in Section 9(h)(i)), the date on which the “Holder” (as such term is defined in the Indenture) of such Convertible Note satisfies all of the requirements for conversion thereof as set forth in Section []¹⁸ of the Indenture; *provided* that if Counterparty has not delivered to Dealer a related Notice of Exercise, then in no event shall a Conversion Date be deemed to occur hereunder (and no Option shall be exercised or deemed to be exercised hereunder) with respect to any surrender of a Convertible Note for conversion in respect of which Counterparty has elected to designate a financial institution for exchange in lieu of conversion of such Convertible Note pursuant to Section []¹⁹ of the Indenture.

Free Convertibility Date: [], 2027

Expiration Time: The Valuation Time

Expiration Date: [], 2027, subject to earlier exercise

Multiple Exercise: Applicable, as described opposite the caption “Automatic Exercise” below

Automatic Exercise: Notwithstanding Section 3.4 of the Equity Definitions, on each Conversion Date occurring on or after the Free Convertibility Date, in respect of which a “Notice of Conversion” (as such term is defined in the Indenture) that

¹⁴ To be the relevant percentage for each Dealer.

¹⁵ Insert the initial Conversion Rate for the Convertible Notes.

¹⁶ Include cross-reference to section(s) of the Indenture containing discretionary adjustments to the Conversion Rate by Counterparty.

¹⁷ Include cross-reference to Indenture section(s) dealing with make-whole adjustments to the Conversion Rate.

¹⁸ Include cross-reference to section(s) of the Indenture setting forth the requirements for conversion of the Convertible Notes.

¹⁹ Include cross-reference to section of the Indenture containing provisions for exchange in lieu of conversion.

is effective as to Counterparty has been delivered by the relevant converting Holder, a number of Options equal to [(i)] the number of Convertible Notes in denominations of USD 1,000 as to which such Conversion Date has occurred[, minus (ii) the number of Options that are or are deemed to be automatically exercised on such Conversion Date under the Base Call Option Transaction Confirmation letter agreement dated September [___], 2022 between Dealer and Counterparty (the “**Base Call Option Confirmation**”),]²⁰ shall be deemed to be automatically exercised; provided that such Options shall be exercised or deemed exercised only if Counterparty has provided a Notice of Exercise to Dealer in accordance with “Notice of Exercise” below.

Notwithstanding the foregoing, in no event shall the aggregate number of Options that are exercised or deemed exercised hereunder exceed the Number of Options.

Notice of Exercise:

Notwithstanding anything to the contrary in the Equity Definitions or opposite the caption “Automatic Exercise” above, in order to exercise any Options, Counterparty must notify Dealer in writing on or prior to 5:00 p.m. (New York City time) on the second Scheduled Valid Day immediately preceding the Expiration Date of the number of such Options; provided that, if the Relevant Settlement Method for such Options is (x) Net Share Settlement and the Specified Cash Amount is not USD 1,000, (y) Cash Settlement or (z) Combination Settlement, Dealer shall have received a separate written notice (the “**Notice of Final Settlement Method**”) on or prior to 5:00 p.m. (New York City time) on the Scheduled Valid Day immediately preceding the Free Convertibility Date specifying (1) the Relevant Settlement Method for such Options and (2) if the settlement method for the related Convertible Notes is not “Settlement in Shares” or “Settlement in Cash” (each as defined below), the fixed amount of cash per Convertible Note that Counterparty has elected to pay to Holders (as such term is defined in the Indenture) of the related Convertible Notes (the “**Specified Cash Amount**”). Counterparty acknowledges its responsibilities under applicable securities laws, and in particular Section 9 and Section 10(b) of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), and the rules and regulations thereunder, in respect of any election of a settlement method with respect to the Convertible Notes. For the avoidance of doubt, if the relevant Conversion Date for any Convertible Notes occurs prior to the Free Convertibility Date, no Options shall be subject to exercise in connection with such Early Conversion, and such conversion shall be subject to the provisions set forth in Section 9(h)(i).

Valuation Time:

At the close of trading of the regular trading session on the Exchange; provided that if the principal trading session is extended, the Calculation Agent shall determine the Valuation Time in its reasonable discretion.

²⁰ Include for Additional Call Option Confirmation only.

Market Disruption Event:

Section 6.3(a) of the Equity Definitions is hereby replaced in its entirety by the following:

“‘Market Disruption Event’ means, in respect of a Share, (i) a failure by the primary U.S. national or regional securities exchange or market on which the Shares are listed or admitted for trading to open for trading during its regular trading session or (ii) the occurrence or existence prior to 1:00 p.m. (New York City time) on any Scheduled Valid Day for the Shares for more than one half-hour period in the aggregate during regular trading hours of any suspension or limitation imposed on trading (by reason of movements in price exceeding limits permitted by the relevant stock exchange or otherwise) in the Shares or in any options contracts or futures contracts relating to the Shares.”

Settlement Terms.

Settlement Method:

For any Option, Net Share Settlement; provided that if the Relevant Settlement Method set forth below for such Option is not Net Share Settlement, then the Settlement Method for such Option shall be such Relevant Settlement Method, but only if Counterparty shall have notified Dealer of the Relevant Settlement Method in the Notice of Final Settlement Method for such Option.

Relevant Settlement Method:

In respect of any Option:

(i) if Counterparty has elected (or is deemed to have elected) to settle its conversion obligations in respect of the related Convertible Note (A) entirely in Shares pursuant to Section []²¹ of the Indenture (together with cash in lieu of fractional Shares) (such settlement method, “**Settlement in Shares**”), (B) in a combination of cash and Shares pursuant to Section []²² of the Indenture with a Specified Cash Amount less than USD 1,000 (such settlement method, “**Low Cash Combination Settlement**”) or (C) in a combination of cash and Shares pursuant to Section []²³ of the Indenture with a Specified Cash Amount equal to USD 1,000, then, in each case, the Relevant Settlement Method for such Option shall be Net Share Settlement;

(ii) if Counterparty has elected to settle its conversion obligations in respect of the related Convertible Note in a combination of cash and Shares pursuant to Section []²⁴ of the Indenture with a Specified Cash Amount greater than USD 1,000, then the Relevant Settlement Method for such Option shall be Combination Settlement; and

²¹ Include cross-reference to section of the Indenture containing provisions for full physical settlement of the Convertible Notes.

²² Include cross-reference to section of the Indenture containing provisions for combination settlement of the Convertible Notes.

²³ Include cross-reference to section of the Indenture containing provisions for combination settlement of the Convertible Notes.

²⁴ Include cross-reference to section of the Indenture containing provisions for combination settlement of the Convertible Notes.

(iii) if Counterparty has elected to settle its conversion obligations in respect of the related Convertible Note entirely in cash pursuant to Section []²⁵ of the Indenture (such settlement method, “**Settlement in Cash**”), then the Relevant Settlement Method for such Option shall be Cash Settlement.

Net Share Settlement:

If Net Share Settlement is applicable to any Option exercised or deemed exercised hereunder, Dealer will deliver to Counterparty, on the relevant Settlement Date for each such Option, a number of Shares (the “**Net Share Settlement Amount**”) equal to the sum, for each Valid Day during the Settlement Averaging Period for each such Option, of (i) (a) the Daily Option Value for such Valid Day, *divided by* (b) the Relevant Price on such Valid Day, *divided by* (ii) the number of Valid Days in the Settlement Averaging Period; *provided* that in no event shall the Net Share Settlement Amount for any Option exceed a number of Shares equal to the Applicable Limit for such Option, *divided by* the Applicable Limit Price on the Settlement Date for such Option.

Dealer will pay cash in lieu of delivering any fractional Shares to be delivered with respect to any Net Share Settlement Amount valued at the Relevant Price for the last Valid Day of the Settlement Averaging Period.

Combination Settlement:

If Combination Settlement is applicable to any Option exercised or deemed exercised hereunder, Dealer will pay or deliver, as the case may be, to Counterparty, on the relevant Settlement Date for each such Option:

(i) an amount of cash (the “**Combination Settlement Cash Amount**”) equal to the sum, for each Valid Day during the Settlement Averaging Period for such Option, of (A) an amount (the “**Daily Combination Settlement Cash Amount**”) equal to the lesser of (1) the product of (x) the Applicable Percentage and (y) the Specified Cash Amount, *minus* USD 1,000 and (2) the Daily Option Value, *divided by* (B) the number of Valid Days in the Settlement Averaging Period; and

(ii) a number of Shares (the “**Combination Settlement Share Amount**”) equal to the sum, for each Valid Day during the Settlement Averaging Period for such Option, of a number of Shares for such Valid Day (the “**Daily Combination Settlement Share Amount**”) equal to (A) (1) the Daily Option Value on such Valid Day *minus* the Daily Combination Settlement Cash Amount for such Valid Day, *divided by* (2) the Relevant Price on such Valid Day, *divided by* (B) the number of Valid Days in the Settlement Averaging Period; *provided* that if the calculation in sub-clause (A)(1) above results in zero or a negative number for any Valid Day, the Daily Combination Settlement Share Amount for such Valid Day shall be deemed to be zero; *provided* that in no event shall the sum of (x) the

²⁵ Include cross-reference to section of the Indenture containing provisions for cash settlement of the Convertible Notes.

	<p>Combination Settlement Cash Amount for any Option and (y) the Combination Settlement Share Amount for such Option, <i>multiplied by</i> the Applicable Limit Price on the Settlement Date for such Option exceed the Applicable Limit for such Option.</p> <p>Dealer will pay cash in lieu of delivering any fractional Shares to be delivered with respect to any Combination Settlement Share Amount valued at the Relevant Price for the last Valid Day of the Settlement Averaging Period.</p>
Cash Settlement:	<p>If Cash Settlement is applicable to any Option exercised or deemed exercised hereunder, in lieu of Section 8.1 of the Equity Definitions, Dealer will pay to Counterparty, on the relevant Settlement Date for each such Option, an amount of cash (the “Cash Settlement Amount”) equal to the sum, for each Valid Day during the Settlement Averaging Period for such Option, of (i) the Daily Option Value for such Valid Day, <i>divided by</i> (ii) the number of Valid Days in the Settlement Averaging Period; <i>provided that</i>, in no event shall the Cash Settlement Amount exceed the Applicable Limit for such Option.</p>
Daily Option Value:	<p>For any Valid Day, an amount equal to (i) the Option Entitlement on such Valid Day, <i>multiplied by</i> (ii) (A) the lesser of the Relevant Price on such Valid Day and the Cap Price, <i>minus</i> (B) the Strike Price on such Valid Day; <i>provided that</i> if the calculation contained in clause (ii) above results in a negative number, the Daily Option Value for such Valid Day shall be deemed to be zero. In no event will the Daily Option Value be less than zero.</p>
Applicable Limit:	<p>For any Option, an amount of cash equal to the Applicable Percentage <i>multiplied by</i> the excess of (i) the aggregate of (A) the amount of cash, if any, paid to the “Holder” (as defined in the Indenture) of the related Convertible Note upon conversion of such Convertible Note and (B) the number of Shares, if any, delivered to the “Holder” (as defined in the Indenture) of the related Convertible Note upon conversion of such Convertible Note, <i>multiplied by</i> the Applicable Limit Price on the Settlement Date for such Option, over (ii) USD 1,000.</p>
Applicable Limit Price:	<p>On any day, the opening price as displayed under the heading “Op” on Bloomberg page ALNY <equity> (or any successor thereto).</p>
Valid Day:	<p>A day on which (i) there is no Market Disruption Event and (ii) trading in the Shares generally occurs on the Exchange or, if the Shares are not then listed on the Exchange, on the principal other U.S. national or regional securities exchange on which the Shares are then listed or, if the Shares are not then listed on a U.S. national or regional securities exchange, on the principal other market on which the Shares are then listed or admitted for trading. If the Shares are not so listed or admitted for trading, “Valid Day” means a Business Day.</p>

Scheduled Valid Day:	A day that is scheduled to be a Valid Day on the principal U.S. national or regional securities exchange or market on which the Shares are listed or admitted for trading. If the Shares are not so listed or admitted for trading, “Scheduled Valid Day” means a Business Day.
Business Day:	Any day other than a Saturday, a Sunday or a day on which the Federal Reserve Bank of New York is authorized or required by law or executive order to close or be closed.
Relevant Price:	On any Valid Day, the per Share volume-weighted average price as displayed under the heading “Bloomberg VWAP” on Bloomberg page “ALNY <equity> AQR” (or its equivalent successor if such page is not available) in respect of the period from the scheduled open of trading on the Exchange until the Scheduled Closing Time of the Exchange on such Valid Day (or if such volume-weighted average price is unavailable, the market value of one Share on such Valid Day, as determined by the Calculation Agent using, if practicable, a volume-weighted average method). The Relevant Price will be determined without regard to after-hours trading or any other trading outside of the regular trading session trading hours.
Settlement Averaging Period:	For any Option, the [] ²⁶ consecutive Valid Days commencing on, and including, the [] st Scheduled Valid Day immediately prior to the Expiration Date.
Settlement Date:	For any Option, the second Business Day immediately following the last Valid Day of the Settlement Averaging Period for such Option.
Settlement Currency:	USD
Other Applicable Provisions:	The provisions of Sections 9.1(c), 9.8, 9.9 and 9.11 of the Equity Definitions will be applicable, except that all references in such provisions to “Physically-settled” shall be read as references to “Share Settled”. “Share Settled” in relation to any Option means that Net Share Settlement or Combination Settlement is applicable to that Option.
Representation and Agreement:	Notwithstanding Section 9.11 of the Equity Definitions, the parties acknowledge that any Shares delivered to Counterparty shall be, upon delivery, subject to restrictions and limitations arising from Counterparty’s status as issuer of the Shares under applicable securities laws.

3. **Additional Terms applicable to the Transaction.**

Adjustments applicable to the Transaction:

Potential Adjustment Events:	Notwithstanding Section 11.2(e) of the Equity Definitions, a “Potential Adjustment Event” means an occurrence of any event or condition, as set forth in any Dilution Adjustment Provision, that would result in an adjustment under the Indenture to the “Conversion Rate” or the composition of a “unit of Reference Property” or to any
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²⁶ To be the number of Valid Days that is equal to the number of trading days in the observation period for the Convertible Notes.

“Last Reported Sale Price,” “Daily VWAP,” “Daily Conversion Value” or “Daily Settlement Amount” (each such term as defined in the Indenture). For the avoidance of doubt, Dealer shall not have any delivery or payment obligation hereunder and no adjustment shall be made to the terms of the Transaction, on account of (x) any distribution of cash, property or securities by Counterparty to “Holders” (as defined in the Indenture) of the Convertible Notes (upon conversion or otherwise) or (y) any other transaction in which “Holders” (as such term is defined in the Indenture) of the Convertible Notes are entitled to participate, in each case, in lieu of an adjustment under the Indenture of the type referred to in the immediately preceding sentence (including, without limitation, pursuant to [the [] sentence of the [] paragraph of Section [] of the Indenture]²⁷ or [the [] sentence of Section [] of the Indenture]²⁸).

Method of Adjustment:

Calculation Agent Adjustment, which means that, notwithstanding Section 11.2(c) of the Equity Definitions, upon any Potential Adjustment Event, the Calculation Agent acting in a commercially reasonable manner shall make a corresponding adjustment to any one or more of the Strike Price, Number of Options, Option Entitlement and any other variable relevant to the exercise, settlement or payment for the Transaction to the extent an analogous adjustment would be made pursuant to the Indenture in connection with such Potential Adjustment Event.

Notwithstanding the foregoing and “Consequences of Merger Events / Tender Offers” below:

- (i) if the Calculation Agent, acting in good faith and a commercially reasonable manner, disagrees with any adjustment to the Convertible Notes that involves an exercise of discretion by Counterparty or its board of directors (including, without limitation, pursuant to Section []²⁹ of the Indenture, Section []³⁰ of the Indenture or any supplemental indenture entered into thereunder or in connection with any proportional adjustment or the determination of the fair value of any securities, property, rights or other assets), then in each such case, the Calculation Agent will determine the adjustment to be made to any one or more of the Strike Price, Number of Options, Option Entitlement and any other variable relevant to the exercise, settlement or payment for the Transaction in a commercially reasonable manner; provided that, notwithstanding the foregoing, if any Potential Adjustment Event

²⁷ Include cross reference to provision in the Indenture providing for pass-through of Distributed Property, at the same time as it is received by holders of the Shares, in lieu of a Conversion Rate adjustment.

²⁸ Include cross reference to provision in the Indenture providing for pass-through of cash, at the same time as it is received by holders of the Shares, in lieu of a Conversion Rate adjustment.

²⁹ Include cross-reference to specific paragraph of the section of the Indenture providing for adjustments where a Conversion Rate adjustment occurs during a period over which VWAP, conversion value, settlement amount or closing price is calculated.

³⁰ Include cross-reference to Indenture section relating to Merger Events.

occurs during the Settlement Averaging Period but no adjustment was made to any Convertible Note under the Indenture because the relevant Holder (as such term is defined in the Indenture) was deemed to be a record owner of the underlying Shares on the related Conversion Date, then the Calculation Agent shall make an adjustment, as determined by it, to the terms hereof in order to account for such Potential Adjustment Event in a commercially reasonable manner;

- (ii) in connection with any Potential Adjustment Event as a result of an event or condition set forth in Section []³¹ of the Indenture or Section []³² of the Indenture where, in either case, the period for determining “Y” (as such term is used in Section [] of the Indenture) or “SP0” (as such term is used in Section [] of the Indenture), as the case may be, begins before Counterparty has publicly announced the event or condition giving rise to such Potential Adjustment Event, then the Calculation Agent shall have the right to adjust any variable relevant to the exercise, settlement or payment for the Transaction as appropriate to reflect the costs (including, but not limited to, hedging mismatches and market losses) and expenses incurred by Dealer in connection with its hedging activities as a result of such event or condition not having been publicly announced prior to the beginning of such period; and
- (iii) if any Potential Adjustment Event is declared and (a) the event or condition giving rise to such Potential Adjustment Event is subsequently amended, modified, cancelled or abandoned, (b) the “Conversion Rate” (as defined in the Indenture) is otherwise not adjusted at the time or in the manner contemplated by the relevant Dilution Adjustment Provision based on such declaration or (c) the “Conversion Rate” (as defined in the Indenture) is adjusted as a result of such Potential Adjustment Event and subsequently re-adjusted (each of clauses (a), (b) and (c), a “**Potential Adjustment Event Change**”) then, in each case, the Calculation Agent shall have the right to adjust any variable relevant to the exercise, settlement or payment for the Transaction as appropriate to reflect the costs (including, but not limited to, hedging mismatches and market losses) and expenses incurred by Dealer in connection with its hedging activities as a result of such Potential Adjustment Event Change.

³¹ Include cross-reference to section of the Indenture providing for an adjustment to the Conversion Rate in connection with a below-market rights, options or warrants offering.

³² Include cross-reference to section of the Indenture providing for an adjustment to the Conversion Rate in connection with distributions of Distributed Property.

Dilution Adjustment Provisions:	Sections [][(), (), (), () and ()] ³³ and Section [] ³⁴ of the Indenture
Extraordinary Events applicable to the Transaction:	
Merger Events:	Applicable; <i>provided</i> that notwithstanding Section 12.1(b) of the Equity Definitions, a “Merger Event” means the occurrence of any event or condition set forth in the definition of “Merger Event” in Section [] ³⁵ of the Indenture.
Tender Offers:	Applicable; <i>provided</i> that notwithstanding Section 12.1(d) of the Equity Definitions, a “Tender Offer” means the occurrence of any event or condition set forth in Section [] ³⁶ of the Indenture.
Consequences of Merger Events/ Tender Offers:	Notwithstanding Section 12.2 and Section 12.3 of the Equity Definitions, upon the occurrence of a Merger Event or a Tender Offer, the Calculation Agent acting in good faith and in a commercially reasonable manner shall make a corresponding adjustment in respect of any adjustment under the Indenture to any one or more of the nature of the Shares (in the case of a Merger Event), Strike Price, Number of Options, the Option Entitlement and any other variable relevant to the exercise, settlement or payment for the Transaction, subject to the second paragraph under “Method of Adjustment”; <i>provided, however</i> , that such adjustment shall be made without regard to any adjustment to the “Conversion Rate” (as defined in the Indenture) pursuant to any Excluded Provision; <i>provided further</i> that if, with respect to a Merger Event or a Tender Offer, (i) the consideration for the Shares includes (or, at the option of a holder of Shares, may include) shares of an entity or person that is not a corporation or is not organized under the laws of the United States, any State thereof or the District of Columbia, or (ii) the Counterparty to the Transaction following such Merger Event or Tender Offer will not be a corporation, then, in either case, Cancellation and Payment (Calculation Agent Determination) may apply at Dealer’s sole commercially reasonable election; and <i>provided further</i> that, for the avoidance of doubt, adjustments shall be made pursuant to the provisions set forth above regardless of whether any Merger Event or Tender Offer gives rise to an Early Conversion.
Consequences of Announcement Events:	Modified Calculation Agent Adjustment as set forth in Section 12.3(d) of the Equity Definitions; <i>provided</i> that, in respect of an Announcement Event, (w) references to “Tender Offer” shall be replaced by references to

³³ Include cross-reference to specific paragraphs of the section of the Indenture containing anti-dilution adjustments to the Conversion Rate.

³⁴ Include cross-reference to specific paragraph of the section of the Indenture providing for adjustments where a Conversion Rate adjustment occurs during a period over which VWAP, conversion value, settlement amount or closing price is calculated.

³⁵ Include cross-reference to the section of the Indenture describing consequences of Merger Events.

³⁶ Include cross-reference to the section of the Indenture describing consequences of tender offers.

“Announcement Event” and references to “Tender Offer Date” shall be replaced by references to “date of such Announcement Event”, (x) the phrase “exercise, settlement, payment or any other terms of the Transaction (including, without limitation, the spread)” shall be replaced with the phrase “Cap Price (*provided that in no event shall the Cap Price be less than the Strike Price*)”, (y) the words “whether within a commercially reasonable period of time (as determined by the Calculation Agent) prior to or after the Announcement Event” shall be inserted prior to the word “which” in the seventh line, and (z) for the avoidance of doubt, the Calculation Agent shall determine whether the relevant Announcement Event has had a material economic effect on the Transaction (and, if so, shall adjust the Cap Price accordingly to account for such economic effect in a commercially reasonable manner) on one or more occasions on or after the date of the Announcement Event up to, and including, the Expiration Date, any Early Termination Date and/or any other date of cancellation, it being understood that any adjustment in respect of an Announcement Event shall take into account any earlier adjustment relating to the same Announcement Event. An Announcement Event shall be an “Extraordinary Event” for purposes of the Equity Definitions, to which Article 12 of the Equity Definitions is applicable.

Announcement Event:

(i) The public announcement by Issuer, any Affiliate or agent of Issuer, any Valid Third Party Entity or any agent or Affiliate of a Valid Third Party Entity (each, a “**Relevant Entity**”) of (x) any transaction or event that, if completed, would constitute a Merger Event or Tender Offer, (y) any potential acquisition by Issuer and/or its subsidiaries where the aggregate consideration exceeds 35% of the market capitalization of Issuer as of the date of such announcement (an “**Acquisition Transaction**”) or (z) the intention to enter into a Merger Event or Tender Offer or an Acquisition Transaction, (ii) the public announcement by Issuer of an intention to solicit or enter into, or to explore strategic alternatives or other similar undertaking that may include, a Merger Event or Tender Offer or an Acquisition Transaction or (iii) any subsequent public announcement by a Relevant Entity of a change to a transaction or intention that is the subject of an announcement of the type described in clause (i) or (ii) of this sentence (including, without limitation, a new announcement by a Relevant Entity relating to such a transaction or intention or the announcement of a withdrawal from, or the abandonment or discontinuation of, such a transaction or intention), as determined by the Calculation Agent. For the avoidance of doubt, the occurrence of an Announcement Event with respect to any transaction or intention shall not preclude the occurrence of a later Announcement Event with respect to such transaction or intention. For purposes of this definition of “Announcement Event,” (A) “Merger Event” shall mean such term as defined under Section 12.1(b) of the Equity

Definitions (but, for the avoidance of doubt, the remainder of the definition of “Merger Event” in Section 12.1(b) of the Equity Definitions following the definition of “Reverse Merger” therein shall be disregarded) and (B) “Tender Offer” shall mean such term as defined under Section 12.1(d) of the Equity Definitions.

Valid Third Party Entity:

In respect of any transaction, any third party that has a *bona fide* intent to enter into or consummate such transaction (it being understood and agreed that in determining whether such third party has such a *bona fide* intent, the Calculation Agent may take into consideration the effect of the relevant announcement by such third party on the Shares and/or options relating to the Shares).

Composition of Combined Consideration:

Not Applicable; *provided* that, notwithstanding Sections 12.5(b) and 12.1(f) of the Equity Definitions, to the extent that the composition of the consideration for the relevant Shares pursuant to a Tender Offer or Merger Event could be elected by an actual holder of the Shares, the Calculation Agent will, in its sole discretion, determine such composition.

Nationalization, Insolvency or Delisting:

Cancellation and Payment (Calculation Agent Determination); *provided* that, in addition to the provisions of Section 12.6(a)(iii) of the Equity Definitions, it will also constitute a Delisting if the Exchange is located in the United States and the Shares are not immediately re-listed, re-traded or re-quoted on any of the New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or their respective successors); if the Shares are immediately re-listed, re-traded or re-quoted on any of the New York Stock Exchange, The Nasdaq Global Select Market or The Nasdaq Global Market (or their respective successors), such exchange or quotation system shall thereafter be deemed to be the Exchange.

Additional Disruption Events:

Change in Law:

Applicable; *provided* that (i) Section 12.9(a)(ii) of the Equity Definitions is hereby amended by replacing the parenthetical beginning after the word “regulation” in the second line thereof with the words “(including, for the avoidance of doubt and without limitation, (x) any tax law or (y) adoption or promulgation of new regulations authorized or mandated by existing statute),” (ii) Section 12.9(a)(ii)(X) of the Equity Definitions is hereby amended by replacing the word “Shares” with the phrase “Hedge Positions”, (iii) Section 12.9(a)(ii)(X) of the Equity Definitions is hereby amended by immediately following the word “Transaction”, adding the phrase “in the manner contemplated by the Hedging Party on the Trade Date” and (iv) adding the words “provided that, in case of clause (Y) hereof where such determination is based on Dealer’s policies and procedures, such policies and procedures have been adopted by Dealer in good faith and are generally applicable in similar situations and applied in a non-discriminatory manner” after the semicolon in the last line thereof.

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|----------------------------|---|
| Failure to Deliver: | Applicable |
| Hedging Disruption: | Applicable |
| Increased Cost of Hedging: | Not Applicable |
| Hedging Party: | For all applicable Additional Disruption Events, Dealer or an affiliate of Dealer |
| Determining Party: | For all applicable Extraordinary Events, Dealer; <i>provided, however</i> , that all calculations, adjustments and determinations by the Determining Party shall be made in good faith and in a commercially reasonable manner. The parties agree that they will comply with the provisions set forth in the second paragraph under "Calculation Agent" in Section 4 below. |
| Hedge Positions: | The definition of "Hedge Positions" in Section 13.2(b) of the Equity Definitions shall be amended by inserting the words "or an affiliate thereof" after the words "a party" in the third line thereof. |
- Acknowledgments:
- | | |
|--------------------------------|------------|
| Non-Reliance: | Applicable |
| Agreements and Acknowledgments | |
| Regarding Hedging Activities: | Applicable |
| Additional Acknowledgments: | Applicable |
4. **Calculation Agent.** Dealer. All calculations, adjustments and determinations by the Calculation Agent shall be made in good faith and in a commercially reasonable manner.
- Following any calculation, adjustment or determination by the Calculation Agent or Determining Party hereunder, upon a written request by Counterparty (which may be by e-mail), the Calculation Agent or Determining Party, as the case may be, shall promptly (but in any event within three Scheduled Trading Days) provide to Counterparty by e-mail to the e-mail address provided by Counterparty in such request a report (in a commonly used file format for the storage and manipulation of financial data) displaying in reasonable detail the basis for such calculation, adjustment or determination (including any assumptions used in making such calculation, adjustment or determination), it being understood that neither the Calculation Agent nor Determining Party shall be obligated to disclose any confidential or proprietary models or other information that is confidential, proprietary or subject to contractual, legal or regulatory obligations to not disclose such information.
5. **Account Details.**
- (a) Account for payments to Counterparty: To Be Advised.
- Account for delivery of Shares to Counterparty: To Be Advised.

- (b) Account for payments to Dealer:

Bank:
SWIFT:
Bank Routing:
Acct Name:
Acct No.:

Account for delivery of Shares from Dealer: To Be Advised.

6. Offices.

- (a) The Office of Counterparty for the Transaction is: Inapplicable, Counterparty is not a Multibranch Party.

- (b) The Office of Dealer for the Transaction is:

7. Notices.

- (a) Address for notices or communications to Counterparty:

Alnylam Pharmaceuticals, Inc.
675 West Kendall Street, Henri A. Termeer Square
Cambridge, Massachusetts 02142
Attention:
Telephone No.:
Email:

- (b) Address for notices or communications to Dealer:

To:

Attention:
Telephone:
Email:

With a copy to:

Attention:
Telephone:
Email:

8. Representations and Warranties of Counterparty.

Counterparty hereby represents and warrants to Dealer that, as of the date hereof, each of the representations and warranties of Counterparty set forth in Section 3 of the Purchase Agreement (the “**Purchase Agreement**”) dated as of September , 2022 between Counterparty and J.P. Morgan Securities LLC, as representative of the initial purchasers (the “**Initial Purchasers**”) party thereto, is true and correct and is hereby deemed to be repeated to Dealer as if set forth herein. Counterparty hereby further represents and warrants to Dealer on the date hereof and on and as of the Premium Payment Date that:

- (a) (i) Counterparty has all necessary corporate power and authority to execute, deliver and perform its obligations in respect of the Transaction; (ii) such execution, delivery and performance have been duly authorized by all necessary corporate action on Counterparty’s part; this Confirmation has been duly and validly executed and delivered by Counterparty; and (iii) constitutes its valid and binding obligation, enforceable against Counterparty in accordance with its terms, subject to applicable bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium and similar laws affecting creditors’ rights and remedies generally, and subject, as to enforceability, to general principles of equity, including principles of commercial reasonableness, good faith and fair dealing (regardless of whether enforcement is sought in a proceeding at law or in equity) and except that rights to indemnification and contribution hereunder may be limited by federal or state securities laws or public policy relating thereto.

- (b) In lieu of the representation set forth in Section 3(a)(iii) of the Agreement, neither the execution and delivery of this Confirmation nor the incurrence or performance of obligations of Counterparty hereunder will conflict with or result in a breach of the certificate of incorporation or by-laws (or any equivalent documents) of Counterparty, or any applicable law or regulation, or any order, writ, injunction or decree of any court or governmental authority or agency, or any agreement or instrument filed as an exhibit to Counterparty's Annual Report on Form 10-K for the year ended December 31, 2021, as updated by any subsequent filings, or constitute a default under, or result in the creation of any lien under, any such agreement or instrument.
- (c) No consent, approval, authorization, or order of, or filing with, any governmental agency or body or any court is required in connection with the execution, delivery or performance by Counterparty of this Confirmation, except such as have been obtained or made and such as may be required under the Securities Act of 1933, as amended (the "**Securities Act**"), or state securities laws.
- (d) Counterparty is not and, after consummation of the transactions contemplated hereby, will not be required to register as an "investment company" as such term is defined in the Investment Company Act of 1940, as amended.
- (e) Counterparty is an "eligible contract participant" (as such term is defined in Section 1a(18) of the Commodity Exchange Act, as amended (the "**CEA**"), other than a person that is an eligible contract participant under Section 1a(18)(C) of the CEA).
- (f) Counterparty is not, on the date hereof, in possession of any material non-public information with respect to Counterparty or the Shares.
- (g) Counterparty is not aware of any state or local (including any non-U.S. jurisdiction's) law, rule, regulation or regulatory order applicable to the Shares that would give rise to any reporting, consent, registration or other requirement (including without limitation a requirement to obtain prior approval from any person or entity) as a result of Dealer or its affiliates owning or holding (however defined) Shares.
- (h) Counterparty (A) is capable of evaluating investment risks independently, both in general and with regard to all transactions and investment strategies involving a security or securities; (B) will exercise independent judgment in evaluating the recommendations of any broker-dealer or its associated persons, unless it has otherwise notified the broker-dealer in writing; and (C) has total assets of at least USD 50 million.
- (i) The assets used in the Transaction (1) are not assets of any "plan" (as such term is defined in Section 4975 of the U.S. Internal Revenue Code (the "**Code**")) subject to Section 4975 of the Code or any "employee benefit plan" (as such term is defined in Section 3(3) of the U.S. Employee Retirement Income Security Act of 1974, as amended ("**ERISA**")) subject to Title I of ERISA, and (2) do not constitute "plan assets" within the meaning of Department of Labor Regulation 2510.3-101, 29 CFR Section 2510-3-101.

- (j) On and immediately after each of the Trade Date and the Premium Payment Date, (A) the Counterparty will not be insolvent or rendered insolvent, left with unreasonably small capital or intend to incur debts beyond its ability to pay its debts as they mature, as these concepts are used in Section 548(a)(1)(B) of the U.S. Bankruptcy Code (Title 11 of the United States Code) (the “**Bankruptcy Code**”) and (B) the Counterparty would be able to purchase the Number of Shares in compliance with Section 160 of the General Corporation Law of the State of Delaware.
- (k) Without limiting the generality of Section 13.1 of the Equity Definitions, Counterparty acknowledges that neither Dealer nor any of its affiliates is making any representations or warranties or taking any position or expressing any view with respect to the treatment of the Transaction under any accounting standards including ASC Topic 260, *Earnings Per Share*, ASC Topic 815, *Derivatives and Hedging*, or ASC Topic 480, *Distinguishing Liabilities from Equity* and ASC 815-40, *Derivatives and Hedging—Contracts in Entity’s Own Equity* (or any successor issue statements) or any other accounting guidance.
- (l) Counterparty acknowledges that the Transaction may constitute a purchase of its equity securities. Counterparty further acknowledges that, pursuant to the provisions of the Coronavirus Aid, Relief and Economic Security Act (the “**Cares Act**”), the Counterparty will be required to agree to certain time-bound restrictions on its ability to purchase its equity securities if it receives loans, loan guarantees or direct loans (as that term is defined in the Cares Act) under section 4003(b) of the Cares Act. Counterparty further acknowledges that it may be required to agree to certain time-bound restrictions on its ability to purchase its equity securities if it receives loans, loan guarantees or direct loans (as that term is defined in the Cares Act) under programs or facilities established by the Board of Governors of the Federal Reserve System for the purpose of providing liquidity to the financial system. Accordingly, Counterparty represents and warrants that it has not applied, and throughout the Term of this Transaction shall not apply, for a loan, loan guarantee, direct loan (as that term is defined in the Cares Act) or other investment, or to receive any financial assistance or relief (howsoever defined) under any program or facility that (a) is established under applicable law, including the Cares Act and the Federal Reserve Act, as amended, and (b) requires, as a condition of such loan, loan guarantee, direct loan (as that term is defined in the Cares Act), investment, financial assistance or relief, that the Counterparty agree, attest, certify or warrant that it has not, as of the date specified in such condition, repurchased, or will not repurchase, any equity security of Counterparty.

9. Other Provisions.

- (a) Opinions. Counterparty shall deliver to Dealer an opinion of counsel, dated as of the Premium Payment Date and reasonably acceptable to Dealer in form and substance, with respect to the matters set forth in Sections 8(a)(i) and (ii), (b) and (c) of this Confirmation, subject to customary assumptions, qualifications and exceptions. Delivery of such opinion to Dealer shall be a condition precedent for the purpose of Section 2(a)(iii) of the Agreement with respect to each obligation of Dealer under Section 2(a)(i) of the Agreement.
- (b) Repurchase Notices. Counterparty shall, on any day on which Counterparty effects any repurchase of Shares, promptly give Dealer a written notice of such repurchase (a “**Repurchase Notice**”) on such day if following such repurchase, the number of outstanding Shares as determined on such day is (i) less than []³⁷ million (in the case of the first such notice) or (ii) thereafter more than []³⁸ million less than the number of Shares included in the immediately preceding Repurchase Notice. Counterparty agrees to indemnify and hold harmless Dealer and its affiliates and their respective officers, directors, employees, affiliates, advisors, agents and controlling persons (each, an “**Indemnified Person**”) from and against any and all losses (including losses relating to Dealer’s hedging activities as a consequence of becoming, or of the risk of becoming, a Section 16 “insider”, including without limitation, any forbearance from hedging activities or cessation of hedging

³⁷ To be the number of Shares outstanding that would cause Dealer’s current position in the shares underlying the Transaction (including the number of Shares underlying any additional transaction if the greenshoe is exercised in full, and any Shares under pre-existing call option transactions with Counterparty) to increase by 0.5%. To be determined with respect to Dealer with greatest number of underlying Shares.

³⁸ To be the number of Shares that, if repurchased, would cause Dealer’s current position in the shares underlying the Transaction (including the number of Shares underlying any additional transaction if the greenshoe is exercised in full, and any Shares under pre-existing call option transactions with Counterparty) to increase by a further 0.5% from the threshold for the first Repurchase Notice. To be determined with respect to Dealer with greatest number of underlying Shares.

activities and any losses in connection therewith with respect to the Transaction), claims, damages, judgments, liabilities and reasonable expenses (including reasonable out-of-pocket attorney's fees), joint or several, which an Indemnified Person may become subject to, as a result of Counterparty's failure to provide Dealer with a Repurchase Notice on the day and in the manner specified in this paragraph, and to reimburse, within 30 days, upon written request, each of such Indemnified Persons for any reasonable out-of-pocket legal or other expenses incurred in connection with investigating, preparing for, providing testimony or other evidence in connection with or defending any of the foregoing. If any suit, action, proceeding (including any governmental or regulatory investigation), claim or demand shall be brought or asserted against the Indemnified Person as a result of Counterparty's failure to provide Dealer with a Repurchase Notice in accordance with this paragraph, such Indemnified Person shall promptly notify Counterparty in writing, and Counterparty, upon request of the Indemnified Person, shall retain counsel reasonably satisfactory to the Indemnified Person to represent the Indemnified Person and any others Counterparty may designate in such proceeding and shall pay the reasonable fees and expenses of such counsel related to such proceeding. Counterparty shall not be liable for any settlement of any proceeding contemplated by this paragraph that is effected without its written consent, but if settled with such consent or if there be a final judgment for the plaintiff, Counterparty agrees to indemnify any Indemnified Person from and against any loss or liability by reason of such settlement or judgment. Counterparty shall not, without the prior written consent of the Indemnified Person, effect any settlement of any pending or threatened proceeding contemplated by this paragraph that is in respect of which any Indemnified Person is or could have been a party and indemnity could have been sought hereunder by such Indemnified Person, unless such settlement includes an unconditional release of such Indemnified Person from all liability on claims that are the subject matter of such proceeding on terms reasonably satisfactory to such Indemnified Person. If the indemnification provided for in this paragraph is unavailable to an Indemnified Person or insufficient in respect of any losses, claims, damages or liabilities referred to therein, then Counterparty, in lieu of indemnifying such Indemnified Person thereunder, shall contribute to the amount paid or payable by such Indemnified Person as a result of such losses, claims, damages or liabilities. The remedies provided for in this paragraph (b) are not exclusive and shall not limit any rights or remedies which may otherwise be available to any Indemnified Person at law or in equity. The indemnity and contribution agreements contained in this paragraph shall remain operative and in full force and effect regardless of the termination of the Transaction.

- (c) Regulation M. Counterparty is not on the Trade Date engaged in a distribution, as such term is used in Regulation M under the Exchange Act, of any securities of Counterparty, other than a distribution meeting the requirements of the exception set forth in Rules 101(b)(10) and 102(b)(7) of Regulation M. Counterparty shall not, until the second Scheduled Trading Day immediately following the Effective Date, engage in any such distribution.
- (d) No Manipulation. Counterparty is not entering into the Transaction to create actual or apparent trading activity in the Shares (or any security convertible into or exchangeable for the Shares) or to raise or depress or otherwise manipulate the price of the Shares (or any security convertible into or exchangeable for the Shares) or otherwise in violation of the Exchange Act.
- (e) Transfer or Assignment.
 - (i) Counterparty shall have the right to transfer or assign its rights and obligations hereunder with respect to all, but not less than all, of the Options hereunder (such Options, the "**Transfer Options**"); *provided* that such transfer or assignment shall be subject to reasonable conditions that Dealer may impose, including but not limited, to the following conditions:
 - (A) With respect to any Transfer Options, Counterparty shall not be released from its notice and indemnification obligations pursuant to Section 9(b) or any obligations under Section 9(n) or 9(s) of this Confirmation;

- (B) Any Transfer Options shall only be transferred or assigned to a third party that is a United States person (as defined in the Code);
 - (C) Such transfer or assignment shall be effected on terms, including any reasonable undertakings by such third party (including, but not limited to, an undertaking with respect to compliance with applicable securities laws in a manner that, in the commercially reasonable judgment of Dealer, will not expose Dealer to material risks under applicable securities laws) and execution of any documentation and delivery of legal opinions with respect to securities laws and other matters by such third party and Counterparty, as are requested and reasonably satisfactory to Dealer;
 - (D) Dealer will not, as a result of such transfer and assignment, be required to pay the transferee on any payment date an amount under Section 2(d)(i)(4) of the Agreement greater than an amount that Dealer would have been required to pay to Counterparty in the absence of such transfer and assignment;
 - (E) An Event of Default, Potential Event of Default or Termination Event will not occur as a result of such transfer and assignment;
 - (F) Without limiting the generality of clause (B), Counterparty shall cause the transferee to make such Payee Tax Representations and to provide such tax documentation as may be reasonably requested by Dealer to permit Dealer to determine that results described in clauses (D) and (E) will not occur upon or after such transfer and assignment; and
 - (G) Counterparty shall be responsible for reasonable out-of-pocket costs and expenses, including reasonable counsel fees, incurred by Dealer in connection with such transfer or assignment.
- (ii) Dealer may, without Counterparty's consent, transfer or assign all or any part of its rights or obligations under the Transaction (A) to any affiliate of Dealer (1) that has a long-term issuer rating or a rating for its long term, unsecured and unsubordinated indebtedness that is equal to or better than the lesser of (a) Dealer's long-term issuer rating or the rating for Dealer's long-term, unsecured and unsubordinated indebtedness at the time of such transfer or assignment and (b) A- by Standard and Poor's Rating Group, Inc. or its successor ("S&P"), or A3 by Moody's Investor Service, Inc. ("Moody's") or, if either S&P or Moody's ceases to rate such issuer or such indebtedness, as the case may be, at least an equivalent rating or better by a substitute rating agency mutually agreed by Counterparty and Dealer, or (2) whose obligations hereunder will be guaranteed, pursuant to the terms of a customary guarantee in a form used by Dealer generally for similar transactions, by Dealer (or its ultimate parent), or (B) to any other third party with a long-term issuer rating or a rating for its long term, unsecured and unsubordinated indebtedness equal to or better than the lesser of (1) Dealer's long-term issuer rating or the rating for Dealer's long-term, unsecured and unsubordinated indebtedness at the time of the transfer and (2) A- by S&P, or A3 by Moody's or, if either S&P or Moody's ceases to rate such issuer or such indebtedness, as the case may be, at least an equivalent rating or better by a substitute rating agency mutually agreed by Counterparty and Dealer; *provided that* Dealer and such affiliate or third party both qualify as "dealers in securities" within the meaning of Section 475(c)(1) of the Code or such transfer or assignment does not result in a deemed exchange by Counterparty within the meaning of Section 1001 of the Code. Dealer shall notify Counterparty of any transfer or assignment pursuant to the foregoing sentence promptly following such transfer or assignment. If at any time at which (A) the Section 16 Percentage exceeds 7.5%, (B) the Option Equity Percentage exceeds 14.5% or (C) the Share Amount exceeds the Applicable Share Limit (if any applies) (any such condition described in clauses (A), (B) or (C), an "**Excess Ownership Position**"), Dealer is unable after using its commercially reasonable efforts to effect a transfer or assignment of Options to a third party on pricing terms reasonably acceptable to Dealer and within a time period

reasonably acceptable to Dealer such that no Excess Ownership Position exists, then Dealer may designate any Exchange Business Day as an Early Termination Date with respect to a portion of the Transaction (the “**Terminated Portion**”), such that following such partial termination no Excess Ownership Position exists. In the event that Dealer so designates an Early Termination Date with respect to a portion of the Transaction, a payment shall be made pursuant to Section 6 of the Agreement as if (1) an Early Termination Date had been designated in respect of a Transaction having terms identical to the Transaction and a Number of Options equal to the number of Options underlying the Terminated Portion, (2) Counterparty were the sole Affected Party with respect to such partial termination and (3) the Terminated Portion were the sole Affected Transaction (and, for the avoidance of doubt, the provisions of Section 9(k) shall apply to any amount that is payable by Dealer to Counterparty pursuant to this sentence as if Counterparty was not the Affected Party). The “**Section 16 Percentage**” as of any day is the fraction, expressed as a percentage, (A) the numerator of which is the number of Shares that Dealer and each person subject to aggregation of Shares with Dealer and each “group” of which Dealer is a member or may be deemed a member, in each case, under Section 13 or Section 16 of the Exchange Act and rules promulgated thereunder, directly or indirectly beneficially own (as defined under Section 13 or Section 16 of the Exchange Act and rules promulgated thereunder) and (B) the denominator of which is the number of Shares outstanding. The “**Option Equity Percentage**” as of any day is the fraction, expressed as a percentage, (A) the numerator of which is the sum of (1) the product of the Number of Options and the Option Entitlement and (2) the aggregate number of Shares underlying any other call option transaction sold by Dealer to Counterparty, and (B) the denominator of which is the number of Shares outstanding. The “**Share Amount**” as of any day is the number of Shares that Dealer and any person whose ownership position would be aggregated with that of Dealer (Dealer or any such person, a “**Dealer Person**”) under any law, rule, regulation, regulatory order or organizational documents or contracts of Counterparty that are, in each case, applicable to ownership of Shares (“**Applicable Restrictions**”), owns, beneficially owns, constructively owns, controls, holds the power to vote or otherwise meets a relevant definition of ownership under any Applicable Restriction, as determined by Dealer in its reasonable discretion. The “**Applicable Share Limit**” means a number of Shares equal to (A) the minimum number of Shares that could give rise to reporting or registration obligations or other requirements (including obtaining prior approval from any person or entity) of a Dealer Person, or could result in an adverse effect on a Dealer Person, under any Applicable Restriction, as determined by Dealer in its reasonable discretion, but excluding reporting obligations arising under Section 13 of the Exchange Act as in effect on the Trade Date, *minus* (B) 1% of the number of Shares outstanding.

- (iii) Notwithstanding any other provision in this Confirmation to the contrary requiring or allowing Dealer to purchase, sell, receive or deliver any Shares or other securities, or make or receive any payment in cash, to or from Counterparty, Dealer may designate any of its affiliates to purchase, sell, receive or deliver such Shares or other securities, or make or receive such payment in cash, and otherwise to perform Dealer’s obligations in respect of the Transaction and any such designee may assume such obligations. Dealer shall be discharged of its obligations to Counterparty to the extent of any such performance.
- (f) **Staggered Settlement.** If upon advice of counsel with respect to applicable legal and regulatory requirements, including any requirements relating to Dealer’s hedging activities hereunder, Dealer reasonably determines that it would not be practicable or advisable to deliver, or to acquire Shares to deliver, any or all of the Shares to be delivered by Dealer on any Settlement Date for the Transaction, Dealer may, by notice to Counterparty on or prior to any Settlement Date (a “**Nominal Settlement Date**”), elect to deliver the Shares on two or more dates (each, a “**Staggered Settlement Date**”) as follows:
 - (i) in such notice, Dealer will specify to Counterparty the related Staggered Settlement Dates (the first of which will be such Nominal Settlement Date and the last of which will be no later than the twentieth (20th) Exchange Business Day following such Nominal Settlement Date) and the number of Shares that it will deliver on each Staggered Settlement Date;

- (ii) the aggregate number of Shares that Dealer will deliver to Counterparty hereunder on all such Staggered Settlement Dates will equal the number of Shares that Dealer would otherwise be required to deliver on such Nominal Settlement Date; and
 - (iii) the Relevant Settlement Method terms will apply on each Staggered Settlement Date, except that the cash and/or Shares due upon settlement will be allocated among such Staggered Settlement Dates as specified by Dealer in the notice referred to in clause (i) above.
- (g) [Role of Agent]. *[Insert relevant Dealer agency or communications language, if any.]*
- (h) Additional Termination Events.
- (i) Notwithstanding anything to the contrary in this Confirmation, upon any Early Conversion in respect of which a “Notice of Conversion” (as such term is defined in the Indenture) that is effective as to Counterparty has been delivered by the relevant converting Holder:
 - (A) Counterparty shall, within one Scheduled Trading Day of the Conversion Date for such Early Conversion, provide written notice (an “**Early Conversion Notice**”) to Dealer specifying the number of Convertible Notes surrendered for conversion on such Conversion Date (such Convertible Notes, the “**Affected Convertible Notes**”), and the giving of such Early Conversion Notice shall constitute an Additional Termination Event as provided in this clause (i);
 - (B) upon receipt of any such Early Conversion Notice, Dealer shall designate an Exchange Business Day as an Early Termination Date (which Exchange Business Day shall be no earlier than one Scheduled Trading Day following the Conversion Date for such Early Conversion) with respect to the portion of the Transaction corresponding to a number of Options (the “**Affected Number of Options**”) equal to the lesser of (x) the number of Affected Convertible Notes [*minus* the “Affected Number of Options” (as defined in the Base Call Option Confirmation), if any, that relate to such Affected Convertible Notes]³⁹ and (y) the Number of Options as of the Conversion Date for such Early Conversion;
 - (C) any payment hereunder with respect to such termination shall be calculated pursuant to Section 6 of the Agreement as if (x) an Early Termination Date had been designated in respect of a Transaction having terms identical to the Transaction and a Number of Options equal to the Affected Number of Options, (y) Counterparty were the sole Affected Party with respect to such Additional Termination Event and (z) the terminated portion of the Transaction were the sole Affected Transaction; *provided* that the amount payable with respect to such termination shall not be greater than (1) the Applicable Percentage, *multiplied by* (2) the Affected Number of Options, *multiplied by* (3) the excess of (x) the aggregate of (I) the number of Shares, if any, delivered to the Holder (as such term is defined in the Indenture) of an Affected Convertible Note upon conversion of such Affected Convertible Note, *multiplied by* the opening price as displayed under the heading “Op” on Bloomberg page ALNY <equity> (or any successor thereto) on the date on which such payment is made and (II) the amount of cash, if any, paid to the Holder of an Affected Convertible Note upon conversion of such Affected Convertible Note, over (y) USD 1,000;
 - (D) for the avoidance of doubt, in determining the amount payable in respect of such Affected Transaction pursuant to Section 6 of the Agreement, the Calculation Agent shall assume that (x) the relevant Early Conversion and any conversions, adjustments, agreements, payments, deliveries or acquisitions by or on behalf of Counterparty leading thereto had not occurred, (y) no adjustments to the Conversion Rate have occurred pursuant to any Excluded Provision and (z) the corresponding Convertible Notes remain outstanding; and

³⁹ Include in Additional Call Option Confirmation only.

(E) the Transaction shall remain in full force and effect, except that, as of the Conversion Date for such Early Conversion, the Number of Options shall be reduced by the Affected Number of Options.

(ii) Within five Scheduled Trading Days following any Repayment Event (as defined below), Counterparty (x) in the case of a Repayment Event resulting from the repurchase of any Convertible Notes by Counterparty upon the occurrence of a “Fundamental Change” (as defined in the Indenture), or in connection with an “Optional Redemption” (as defined in the Indenture), shall notify Dealer in writing of such Repayment Event and (y) in the case of a Repayment Event not described in clause (x) above, may notify Dealer of such Repayment Event, in each case, including the aggregate principal amount of Convertible Notes (the “**Repayment Convertible Notes**”) subject to such Repayment Event (any such notice, a “**Repayment Notice**”); provided that no such Repayment Notice described in clause (y) above shall be effective unless it contains the representation by Counterparty set forth in Section 8(f) as of the date of such Repayment Notice⁴⁰; provided further that any “Repayment Notice” delivered to Dealer pursuant to the Base Call Option Confirmation shall be deemed to be a Repayment Notice pursuant to this Confirmation and the terms of such Repayment Notice shall apply, mutatis mutandis, to this Confirmation⁴¹. The receipt by Dealer from Counterparty of any Repayment Notice shall constitute an Additional Termination Event as provided in this Section 9(h)(ii). Upon receipt of any such Repayment Notice, Dealer shall designate an Exchange Business Day following receipt of such Repayment Notice as an Early Termination Date with respect to the portion of the Transaction corresponding to a number of Options (the “**Repayment Options**”) equal to the lesser of (A) [(x)]⁴¹ the aggregate principal amount of such Convertible Notes specified in such Repayment Notice, divided by USD 1,000, [minus (y) the number of “Repayment Options” (as defined in the Base Call Option Confirmation), if any, that relate to such Convertible Notes (and for the purposes of determining whether any Options under this Confirmation or under the Base Call Option Confirmation will be among the Repayment Options hereunder or under, and as defined in, the Base Call Option Confirmation, the Convertible Notes specified in such Repayment Notice shall be allocated first to the Base Call Option Confirmation until all Options thereunder are exercised or terminated)]⁴² and (B) the Number of Options as of the date Dealer designates such Early Termination Date and, as of such date, the Number of Options shall be reduced by the number of Repayment Options. Any payment hereunder with respect to such termination (the “**Repayment Unwind Payment**”) shall be calculated pursuant to Section 6 of the Agreement as if (1) an Early Termination Date had been designated in respect of a Transaction having terms identical to the Transaction and a Number of Options equal to the number of Repayment Options, (2) Counterparty were the sole Affected Party with respect to such Additional Termination Event and (3) the terminated portion of the Transaction were the sole Affected Transaction; *provided* that, in the event of a Repayment Event resulting from a “Fundamental Change” (as defined in the Indenture) or in connection with an “Optional Redemption” (as defined in the Indenture), the Repayment Unwind Payment shall not be greater than (x) the number of Repurchase Options multiplied by (y) the product of (A) the Applicable Percentage and (B) the excess of (I) the amount paid by Counterparty per Convertible Security pursuant to the relevant sections of the Indenture over (II) USD 1,000. “**Repayment Event**” means that (i) any Convertible Notes are repurchased (whether in connection with or as a result of a fundamental change, howsoever defined, or for any other reason) or redeemed by Counterparty or any of its subsidiaries, (ii) any Convertible Notes are delivered to Counterparty or any of its subsidiaries in exchange for delivery of any property or assets of such party (howsoever described), (iii) any principal of any of the Convertible Notes is repaid prior to the final maturity date of the Convertible Notes (for

⁴⁰ Insert for Additional Call Option Confirmation.

⁴¹ Insert for Additional Call Option Confirmation.

⁴² Insert for Additional Call Option Confirmation.

any reason other than as a result of an acceleration of the Convertible Notes that results in an Additional Termination Event pursuant to the following Section 9(h)(iii), or (iv) any Convertible Notes are exchanged by or for the benefit of the “Holders” (as defined in the Indenture) thereof for any other securities of Counterparty or any of its subsidiaries (or any other property, or any combination thereof) pursuant to any exchange offer or similar transaction. For the avoidance of doubt, any conversion of Convertible Notes (whether into cash, Shares, “Reference Property” (as defined in the Indenture) or any combination thereof) pursuant to the terms of the Indenture shall not constitute a Repayment Event.

- (iii) Notwithstanding anything to the contrary in this Confirmation, if an event of default with respect to Counterparty occurs under the terms of the Convertible Notes as set forth in Section []⁴³ of the Indenture and such event of default results in the Convertible Notes becoming or being declared due and payable pursuant to the terms of the Indenture, then such event of default shall constitute an Additional Termination Event applicable to the Transaction and, with respect to such Additional Termination Event, (A) Counterparty shall be deemed to be the sole Affected Party, (B) the Transaction shall be the sole Affected Transaction and (C) Dealer shall be the party entitled to designate an Early Termination Date pursuant to Section 6(b) of the Agreement.

(i) Amendments to Equity Definitions.

- (i) Section 11.2(e)(v) of the Equity Definitions is hereby amended by adding the phrase “, *provided* that, notwithstanding this Section 11.2(e)(v), the parties hereto agree that, with respect to the Transaction, the following repurchases of Shares by the Issuer or any of its subsidiaries shall not be considered Potential Adjustment Events: any repurchases of Shares in open-market transactions at prevailing market prices or privately negotiated accelerated Share repurchase (or similar) transactions that are entered into at prevailing market prices and in accordance with customary market terms for transactions of such type to repurchase the Shares, in each case, to the extent that, after giving effect to such transactions, the aggregate number of Shares repurchased during the term of the Transaction pursuant to all transactions described in this proviso would not exceed 20% of the number of Shares outstanding as of the Trade Date, as determined by the Calculation Agent” at the end of such Section.
- (ii) Section 11.2(e)(vii) of the Equity Definitions is hereby amended by deleting the words “that may have a diluting or concentrative effect on the theoretical value of the relevant Shares” and replacing them with the words “that is the result of a corporate event involving the Issuer or its securities that has, in the commercially reasonable judgment of the Calculation Agent, a material economic effect on the Shares or options on the Shares; *provided* that such event is not based on (a) an observable market, other than the market for the Counterparty’s own stock or (b) an observable index, other than an index calculated and measured solely by reference to Counterparty’s own operations.”
- (iii) Section 12.1(d) of the Equity Definitions is hereby amended by replacing “10%” with “20%”.
- (iv) Section 12.6(a)(ii) of the Equity Definitions is hereby amended by (1) deleting from the fourth line thereof the word “or” after the word “official” and inserting a comma therefor, and (2) deleting the semi-colon at the end of subsection (B) thereof and inserting the following words therefor “or (C) at Dealer’s option, the occurrence of any of the events specified in Section 5(a)(vii) (1) through (9) of the ISDA Master Agreement with respect to that Issuer.”
- (v) Section 12.9(b)(i) of the Equity Definitions is hereby amended by (1) replacing “either party may elect” with “Dealer may elect” and (2) replacing “notice to the other party” with “notice to Counterparty” in the first sentence of such section.

⁴³ Include cross-reference to the Indenture section containing events of default.

- (vi) Section 12.9(b)(vi) of the Equity Definitions is hereby amended by (1) replacing the comma immediately following clause (A) thereof with the word “or”, (2) deleting clause (C) thereof in its entirety and (3) replacing the words “either party” in the last sentence thereof with the words “the Hedging Party”.
- (j) No Collateral or Setoff. Notwithstanding any provision of the Agreement or any other agreement between the parties to the contrary, the obligations of Counterparty hereunder are not secured by any collateral. Obligations under the Transaction shall not be set off by either party against any other obligations of the parties, whether arising under the Agreement, this Confirmation, under any other agreement between the parties hereto, by operation of law or otherwise. For the avoidance of doubt and notwithstanding anything to the contrary provided in this Section 9(j), in the event of bankruptcy or liquidation of either party, neither party shall have the right to set off any obligation that it may have to the other party under the Transaction against any obligation such other party may have to it, whether arising under the Agreement, this Confirmation or any other agreement between the parties hereto, by operation of law or otherwise.
- (k) Alternative Calculations and Payment on Early Termination and on Certain Extraordinary Events. If (a) an Early Termination Date (whether as a result of an Event of Default or a Termination Event) occurs or is designated with respect to the Transaction or (b) the Transaction is cancelled or terminated upon the occurrence of an Extraordinary Event (except as a result of (i) a Nationalization, Insolvency or Merger Event in which the consideration to be paid to holders of Shares consists solely of cash, (ii) a Merger Event or Tender Offer that is within Counterparty’s control, or (iii) an Event of Default in which Counterparty is the Defaulting Party or a Termination Event in which Counterparty is the Affected Party other than an Event of Default of the type described in Section 5(a)(iii), (v), (vi), (vii) or (viii) of the Agreement or a Termination Event of the type described in Section 5(b) of the Agreement, in each case that resulted from an event or events outside Counterparty’s control), and if Dealer would owe any amount to Counterparty pursuant to Section 6(d)(ii) and Section 6(e) of the Agreement or any Cancellation Amount pursuant to Article 12 of the Equity Definitions (any such amount, a “**Payment Obligation**”), then Dealer shall satisfy the Payment Obligation by the Share Termination Alternative (as defined below), unless (a) Counterparty gives irrevocable telephonic notice to Dealer, confirmed in writing within one Scheduled Trading Day, no later than 12:00 p.m. (New York City time) on the Merger Date, Tender Offer Date, Announcement Date (in the case of a Nationalization, Insolvency or Delisting), Early Termination Date or date of cancellation, as applicable, of its election that the Share Termination Alternative shall not apply, (b) Counterparty remakes the representation set forth in Section 8(f) as of the date of such election and (c) Dealer agrees, in its sole discretion, to such election, in which case the provisions of Section 12.7 or Section 12.9 of the Equity Definitions, or the provisions of Section 6(d)(ii) and Section 6(e) of the Agreement, as the case may be, shall apply.

Share Termination Alternative:

If applicable, Dealer shall deliver to Counterparty the Share Termination Delivery Property on, or within a commercially reasonable period of time after, the date when the Payment Obligation would otherwise be due pursuant to Section 12.7 or 12.9 of the Equity Definitions or Sections 6(d)(ii) and 6(e) of the Agreement, as applicable, in satisfaction of the Payment Obligation in the manner reasonably requested by Counterparty free of payment.

Share Termination Delivery Property:

A number of Share Termination Delivery Units, as calculated by the Calculation Agent, equal to the Payment Obligation divided by the Share Termination Unit Price. The Calculation Agent shall adjust the Share Termination Delivery Property by replacing any fractional portion of a security therein with an amount of cash equal to the value of such fractional security based on the values used to calculate the Share Termination Unit Price.

Share Termination Unit Price:	The value to Dealer of property contained in one Share Termination Delivery Unit, as determined by the Calculation Agent in its discretion by commercially reasonable means and notified by the Calculation Agent to Dealer at the time of notification of the Payment Obligation. For the avoidance of doubt, the parties agree that in determining the Share Termination Delivery Unit Price the Calculation Agent may consider the purchase price paid in connection with the purchase of Share Termination Delivery Property.
Share Termination Delivery Unit:	One Share or, if all of the Shares have changed into cash or any other property or the right to receive solely cash or any other property as the result of a Nationalization, Insolvency or Merger Event (any such cash or other property, the "Exchange Property"), a unit consisting of the type and amount of such Exchange Property received by a holder of one Share (without consideration of any requirement to pay cash or other consideration in lieu of fractional amounts of any securities) in such Nationalization, Insolvency or Merger Event, as determined by the Calculation Agent.
Failure to Deliver:	Applicable
Other applicable provisions:	If Share Termination Alternative is applicable, the provisions of Sections 9.8, 9.9 and 9.11 (as modified above) of the Equity Definitions will be applicable, except that all references in such provisions to "Physically-settled" shall be read as references to "Share Termination Settled" and all references to "Shares" shall be read as references to "Share Termination Delivery Units". "Share Termination Settled" in relation to the Transaction means that Share Termination Alternative is applicable to the Transaction.

- (l) Registration. Counterparty hereby agrees that if, in the good faith, reasonable judgment of Dealer based on the advice of counsel, the Shares ("**Hedge Shares**") acquired by Dealer for the purpose of hedging its obligations pursuant to the Transaction cannot be sold in the public market by Dealer without registration under the Securities Act, Counterparty shall, at its election, either (i) in order to allow Dealer to sell the Hedge Shares in a registered offering, make available to Dealer an effective registration statement under the Securities Act and (A) enter into an agreement, in form and substance reasonably satisfactory to Dealer, substantially in the form of an underwriting agreement for a registered secondary offering as is customary for registered secondary offerings of substantially similar size, (B) acting in good faith, use its commercially reasonable efforts to provide accountant's "comfort" letters customary in form for registered offerings of equity securities, (C) provide disclosure opinions of nationally recognized outside counsel to Counterparty reasonably acceptable to Dealer, (D) provide other customary opinions, certificates and closing documents customary in form for registered offerings of equity securities and (E) afford Dealer a reasonable opportunity to conduct a due diligence investigation with respect to Counterparty customary in scope for underwritten offerings of equity securities; *provided, however*, that if Dealer, in its sole reasonable discretion, is not satisfied with access to due diligence materials, the results of its due diligence investigation, or the procedures and documentation for the registered offering referred to above, then clause (ii) or clause (iii) of this paragraph shall apply at the election of Counterparty, (ii) in order to allow Dealer to sell the Hedge Shares in a private placement, enter into and comply with a

private placement agreement substantially similar to private placement purchase agreements customary for private placements of equity securities of substantially similar size by similar issuers, in form and substance reasonably satisfactory to Dealer (in which case, the Calculation Agent in good faith and in a commercially reasonable manner shall make any adjustments to the terms of the Transaction that are necessary, in its reasonable judgment, to compensate Dealer for any discount from the public market price of the Shares incurred on the sale of Hedge Shares in a private placement), or (iii) purchase the Hedge Shares from Dealer at the Relevant Price on such Exchange Business Days, and in the amounts, requested by Dealer.

- (m) Notice of Certain Other Events. Counterparty covenants and agrees that:
- (i) promptly following the public announcement of the results of any election by the holders of Shares with respect to the consideration due upon consummation of any Merger Event, Counterparty shall give Dealer written notice of the weighted average of the types and amounts of consideration actually received by holders upon consummation of such Merger Event (the date of such notification, the “**Consideration Notification Date**”); *provided* that in no event shall the Consideration Notification Date be later than the date on which such Merger Event is consummated; and
 - (ii) promptly following any adjustment to the Convertible Notes in connection with any Potential Adjustment Event, Merger Event or Tender Offer, Counterparty shall give Dealer written notice of the details of such adjustment.
- (n) Tax Disclosure. Effective from the date of commencement of discussions concerning the Transaction, Counterparty and each of its employees, representatives, or other agents may disclose to any and all persons, without limitation of any kind, the tax treatment and tax structure of the Transaction and all materials of any kind (including opinions or other tax analyses) that are provided to Counterparty relating to such tax treatment and tax structure.
- (o) Right to Extend. Dealer may postpone or add, in whole or in part, any Valid Day or Valid Days during the Settlement Averaging Period or any other date of valuation, payment or delivery by Dealer, with respect to some or all of the Options hereunder, if Dealer reasonably determines, based on advice of counsel, that such action is reasonably necessary or appropriate to preserve Dealer’s commercially reasonable hedging or hedge unwind activity hereunder in light of existing liquidity conditions or to enable Dealer to effect purchases of Shares in connection with its commercially reasonable hedging, hedge unwind or settlement activity hereunder in a manner that would, if Dealer were Counterparty or an affiliated purchaser of Counterparty, be in compliance with applicable legal, regulatory or self-regulatory organization requirements, or with related policies and procedures applicable to Dealer; *provided* that no such Valid Day or other date of valuation, payment or delivery may be postponed or added more than []⁴⁴ Valid Days after the original Valid Day or other date of valuation, payment or delivery, as the case may be.
- (p) Status of Claims in Bankruptcy. Dealer acknowledges and agrees that this Confirmation is not intended to convey to Dealer rights against Counterparty with respect to the Transaction that are senior to the claims of common stockholders of Counterparty in any United States bankruptcy proceedings of Counterparty; *provided* that nothing herein shall limit or shall be deemed to limit Dealer’s right to pursue remedies in the event of a breach by Counterparty of its obligations and agreements with respect to the Transaction; *provided, further*, that nothing herein shall limit or shall be deemed to limit Dealer’s rights in respect of any transactions other than the Transaction.
- (q) Securities Contract; Swap Agreement. The parties hereto agree and acknowledge that Dealer is a “financial institution,” “swap participant” and “financial participant” within the meaning of Sections 101(22), 101(53C) and 101(22A) of the Bankruptcy Code. The parties hereto further agree and acknowledge (A) that this Confirmation is (i) a “securities contract,” as such term is defined in Section 741(7) of the Bankruptcy Code, with respect to which each payment and delivery hereunder or in connection herewith is a “termination value,” “payment amount” or “other transfer obligation”

⁴⁴ To be the number of Valid Days that is equal to the number of trading days in the observation period for the Convertible Notes.

within the meaning of Section 362 of the Bankruptcy Code and a “settlement payment” or a “transfer” within the meaning of Section 546 of the Bankruptcy Code, and (ii) a “swap agreement,” as such term is defined in Section 101(53B) of the Bankruptcy Code, with respect to which each payment and delivery hereunder or in connection herewith is a “termination value,” a “payment amount” or “other transfer obligation” within the meaning of Section 362 of the Bankruptcy Code and a “transfer” within the meaning of Section 546 of the Bankruptcy Code, and (B) that Dealer is entitled to the protections afforded by, among other sections, Section 362(b)(6), 362(b)(17), 362(b)(27), 362(o), 546(e), 546(g), 546(j), 548(d)(2), 555, 560 and 561 of the Bankruptcy Code.

- (r) Waiver of Jury Trial. Each party waives, to the fullest extent permitted by applicable law, any right it may have to a trial by jury in respect of any suit, action or proceeding relating to the Transaction. Each party (i) certifies that no representative, agent or attorney of either party has represented, expressly or otherwise, that such other party would not, in the event of such a suit, action or proceeding, seek to enforce the foregoing waiver and (ii) acknowledges that it and the other party have been induced to enter into the Transaction, as applicable, by, among other things, the mutual waivers and certifications provided herein.
- (s) Wall Street Transparency and Accountability Act. In connection with Section 739 of the Wall Street Transparency and Accountability Act of 2010 (“WSTAA”), the parties hereby agree that neither the enactment of WSTAA or any regulation under the WSTAA, nor any requirement under WSTAA or an amendment made by WSTAA, shall limit or otherwise impair either party’s otherwise applicable rights to terminate, renegotiate, modify, amend or supplement this Confirmation or the Agreement, as applicable, arising from a termination event, force majeure, illegality, increased costs, regulatory change or similar event under this Confirmation, the Equity Definitions incorporated herein, or the Agreement (including, but not limited to, rights arising from Change in Law, Hedging Disruption, Increased Cost of Hedging, an Excess Ownership Position, or Illegality (as defined in the Agreement)).
- (t) Agreements and Acknowledgements Regarding Hedging. Counterparty understands, acknowledges and agrees that: (A) at any time on and prior to the Expiration Date, Dealer and its affiliates may buy or sell Shares or other securities or buy or sell options or futures contracts or enter into swaps or other derivative securities in order to adjust its hedge position with respect to the Transaction; (B) Dealer and its affiliates also may be active in the market for Shares other than in connection with hedging activities in relation to the Transaction; (C) Dealer shall make its own determination as to whether, when or in what manner any hedging or market activities in securities of Counterparty shall be conducted and shall do so in a manner that it deems appropriate to hedge its price and market risk with respect to the Relevant Prices; and (D) any market activities of Dealer and its affiliates with respect to Shares may affect the market price and volatility of Shares, as well as the Relevant Prices, each in a manner that may be adverse to Counterparty.
- (u) Early Unwind. In the event the sale of the [“Underwritten Securities”]⁴⁵[“Option Securities”]⁴⁶ (as defined in the Purchase Agreement) is not consummated with the Initial Purchasers for any reason, or Counterparty fails to deliver to Dealer opinions of counsel as required pursuant to Section 9(a), in each case, by 5:00 p.m. (New York City time) on the Premium Payment Date, or such later date as agreed upon by the parties (the Premium Payment Date or such later date the “**Early Unwind Date**”), the Transaction shall automatically terminate (the “**Early Unwind**”), on the Early Unwind Date and (i) the Transaction and all of the respective rights and obligations of Dealer and Counterparty under the Transaction shall be cancelled and terminated and (ii) each party shall be released and discharged by the other parties from and agrees not to make any claim against any other party with respect to any obligations or liabilities of any other party arising out of and to be performed in connection with the Transaction either prior to or after the Early Unwind Date. Each of Dealer and Counterparty represents and acknowledges to the other parties that, upon an Early Unwind, all obligations with respect to the Transaction shall be deemed fully and finally discharged.

⁴⁵ Include in Base Call Option Confirmation only (conformed to Purchase Agreement).

⁴⁶ Include in Additional Call Option Confirmation only (conformed to Purchase Agreement).

- (v) Payment by Counterparty. In the event that, following payment of the Premium, (i) an Early Termination Date occurs or is designated with respect to the Transaction as a result of a Termination Event or an Event of Default (other than an Event of Default arising under Section 5(a)(ii) or 5(a)(iv) of the Agreement) and, as a result, Counterparty owes to Dealer an amount calculated under Section 6(e) of the Agreement, or (ii) Counterparty owes to Dealer, pursuant to Section 12.7 or Section 12.9 of the Equity Definitions, an amount calculated under Section 12.8 of the Equity Definitions, such amount shall be deemed to be zero.
- (w) Other Adjustments Pursuant to the Equity Definitions. Notwithstanding anything to the contrary in this Confirmation, solely purposes of this Section 9(w), the terms “Potential Adjustment Event,” “Merger Event,” and “Tender Offer” shall each have the meanings assigned to such term in the Equity Definitions (as amended by Section 9(j)(i), (ii) and (iii)), and upon the occurrence of a Merger Date, the occurrence of a Tender Offer Date, or declaration by Counterparty of the terms of any Potential Adjustment Event, respectively, as such terms are defined in the Equity Definitions, the Calculation Agent shall, acting in good faith and in a commercially reasonable manner, adjust the Cap Price as appropriate to account for the economic effect on the Transaction of such event, without duplication of any other adjustment hereunder or under the Agreement or the Equity Definitions in respect of such event; *provided* that in no event shall the Cap Price be less than the Strike Price.
- (x) Counterparts. This Confirmation may be executed in several counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.
- (y) Tax Matters.

(i) Payee Representations:

For the purpose of Section 3(f) of the Agreement, Counterparty makes the following representation to Dealer:

Counterparty is a corporation and a U.S. person (as that term is defined in Section 7701(a)(30) of the Revenue Code and used in Section 1.1441-4(a)(3)(ii) of the United States Treasury Regulations) for U.S. federal income tax purposes.

For the purpose of Section 3(f) of the Agreement, Dealer makes the following representations to Counterparty:

[DEALER TAX REP TO COME.]

- (ii) Tax Documentation. For the purpose of Sections 4(a)(i) and (ii) of the Agreement, Counterparty agrees to deliver to Dealer one duly executed and completed U.S. Internal Revenue Service Form W-9 (or successor thereto) and Dealer agrees to deliver to Counterparty [DEALER TAX FORM TO COME]. Such forms or documents shall be delivered (i) on or before the date of execution of this Confirmation, (ii) upon Counterparty or Dealer, as applicable, learning that any such tax form previously provided by it has become obsolete or incorrect and (iii) upon reasonable request of the other party.
- (iii) Withholding Tax imposed on payments to non-US counterparties under the United States Foreign Account Tax Compliance Act. “Indemnifiable Tax”, as defined in Section 14 of the Agreement, shall not include any U.S. federal withholding tax imposed or collected pursuant to Sections 1471 through 1474 of the Revenue Code, any current or future regulations or official interpretations thereof, any agreement entered into pursuant to Section 1471(b) of the Revenue Code, or any fiscal or regulatory legislation, rules or practices adopted pursuant to any intergovernmental agreement entered into in connection with the implementation of such Sections of the Revenue Code (a “**FATCA Withholding Tax**”). For the avoidance of doubt, a FATCA Withholding Tax is a Tax the deduction or withholding of which is required by applicable law for the purposes of Section 2(d) of the Agreement.

- (z) HIRE Act. “Indemnifiable Tax”, as defined in Section 14 of the Agreement, shall not include any tax imposed on payments treated as dividends from sources within the United States under Section 871(m) of the Revenue Code or any regulations issued thereunder. For the avoidance of doubt, any such tax imposed under Section 871(m) of the Revenue Code is a Tax the deduction or withholding of which is required by applicable law for the purposes of Section 2(d) of the Agreement.
- (aa) [DEALER BOILERPLATE, INCLUDING APPLICABLE RESOLUTION STAY PROTOCOL LANGUAGE, TO COME.]
- (bb) Hedging Adjustment. For the avoidance of doubt, whenever Dealer, the Determining Party or the Calculation Agent makes an adjustment or calculation, or the Determining Party or the Calculation Agent makes a determination, in each case, permitted or required to be made pursuant to the terms of this Confirmation or the Equity Definitions to take into account the effect of any event (other than an adjustment, calculation or determination made by reference to the Indenture), the Calculation Agent, the Determining Party or Dealer, as the case may be, shall make such adjustment, calculation or determination in a commercially reasonable manner and by reference to the effect of such event on Dealer assuming that Dealer maintains a commercially reasonable hedge position.

Counterparty hereby agrees to check this Confirmation and to confirm that the foregoing correctly sets forth the terms of the Transaction by signing in the space provided below and returning to Dealer the fully-executed Confirmation to Dealer.

Very truly yours,
[]

By: _____
Name:
Title:
[[]]
as Agent

By: _____
Name:
Title:]

Accepted and confirmed
as of the Trade Date:

ALNYLAM PHARMACEUTICALS, INC.

By: _____
Authorized Signatory
Name: