
**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): January 09, 2026

Arcadia Biosciences, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-37383
(Commission File Number)

81-0571538
(IRS Employer
Identification No.)

**5956 Sherry Lane
Suite 2000
Dallas, Texas**
(Address of Principal Executive Offices)

75225
(Zip Code)

Registrant's Telephone Number, Including Area Code: 214 974-8921

(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	RKDA	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 a Material Definitive Agreement.

On January 9, 2026, Arcadia Biosciences, Inc. (the "Company") entered into inducement offer letter agreements (the "Inducement Letters") with certain investors (the "Participating Holders") pursuant to which such Participating Holders agreed to exercise certain outstanding preferred investment options to purchase an aggregate of 808,595 shares of the Company's common stock ("Common Stock"). The preferred investment options subject to the Inducement Letters had an exercise price of \$9.00 per share and were originally issued in December 2020, January 2021, August 2022, and March 2023 (the "Existing Options").

Pursuant to the Inducement Letters, the Participating Holders agreed to exercise for cash the Existing Options at a reduced exercise price of \$2.575 per share, in consideration for the Company's agreement to issue new unregistered preferred investment options (the "New Options") to purchase up to 1,617,190 shares of Common Stock. The New Options have an exercise price of \$2.325 per share, are exercisable immediately upon issuance, and expire on the date that is 30 months following the effective date of the Resale Registration Statement described below (the "Option Termination Date").

The closing of the transactions contemplated by the Inducement Letters occurred on January 12, 2026 (the "Closing Date"). The Company received aggregate gross proceeds of approximately \$2.1 million from the exercise of the Existing Options by the Participating Holders, before deducting placement agent fees and other offering expenses payable by the Company. The Company intends to use the net proceeds for working capital and general corporate purposes.

The Company engaged H.C. Wainwright & Co., LLC ("Wainwright") to act as its exclusive placement agent in connection with the transactions described above. In consideration for its services, the Company paid Wainwright a cash fee equal to 7.0% of the aggregate gross proceeds received from the exercise of the Existing Options. In addition, the Company paid Wainwright a management fee equal to 1.0% of the aggregate gross exercise price paid in cash and reimbursed Wainwright for certain expenses, including but not limited to \$50,000 for legal expenses and \$25,000 for non-accountable expenses.

The Company also issued to Wainwright or its designees placement agent preferred investment options (the "Placement Agent Options") to purchase that number of shares of Common Stock ("Placement Agent Option Shares") equal to 7.0% of the aggregate number of shares of Common Stock underlying the Existing Options exercised in the transaction, or 56,602 shares. The Placement Agent Options have substantially the same terms as the New Options with the exception of an exercise price of \$3.2188 per share, and have a term expiring on the Option Termination Date.

The resale of the shares of Common Stock underlying the Existing Options has been registered pursuant to registration statements on Form S-1 (File Nos. 333-262407 and 333-267637) and Form S-3 (File 333-252659 and 333-271082) (the "Registration Statements").

The New Options and Placement Agent Options are exercisable, at the option of each holder, in whole or in part, by delivering a duly executed exercise notice accompanied by payment in full for the number of shares of Common Stock purchased upon such exercise (except in the case of a cashless exercise). A holder (together with their affiliates) may not exercise any portion of the holder's New Options or Placement Agent Options to the extent that the holder would beneficially own more than 4.99% or 9.99% (as specified by the holder) of the outstanding Common Stock immediately after exercise (as such percentage is determined in accordance with the terms of the New Options and Placement Agent Options). Upon 61 days prior notice to the Company, the holder may increase or decrease the beneficial ownership limitation up to 9.99%.

The Company also agreed to file a registration statement covering the resale of the New Option Shares and Placement Agent Option Shares (the "Resale Registration Statement") within 30 days after the Closing Date and to use commercially reasonable efforts to cause such Resale Registration Statement to be declared effective by the Securities and Exchange Commission (the "SEC") within 60 days following the date of the Inducement Letter (or within 90 days in certain circumstances). If, at the time a holder exercises its New Option or Placement Agent Option (as applicable), the Resale Registration Statement is not then effective or available, then in lieu of making the cash payment otherwise contemplated to be made upon such exercise in payment of the aggregate exercise price, the holder may elect instead to make a cashless net exercise and receive upon such exercise the net number of shares of Common Stock determined according to a formula set forth in the New Options and Placement Agent Options.

The exercise price and number of shares issuable upon exercise of the New Options or Placement Agent Options are subject to appropriate adjustment in the event of stock dividends, stock splits, subsequent rights offerings, pro rata distributions, reorganizations, or similar events. The New Options and the Placement Agent Options also contain customary provisions regarding adjustment of the exercise price and treatment upon certain kinds of fundamental transactions (as defined in the New Options and Placement Agent Options), including provisions providing for the receipt of alternative consideration or, in certain circumstances in connection with certain kinds of fundamental transactions, the ability for a holder to cause the Company to purchase the unexercised portion of the New Option or Placement Agent Option from the holder by paying to the holder an amount of cash equal to the Black Scholes value (calculated as provided in the New Options and Placement Agent Options) of the remaining unexercised portion of the New Option or Placement Agent Option.

In the Inducement Letter, the Company agreed not to issue any shares of Common Stock or common stock equivalents or to file any other registration statement with the SEC (in each case, subject to certain exceptions) until 45 days after the Closing Date. The Company also agreed not to effect or agree to effect any variable rate transaction (as defined in the Inducement Letter) until one year after the Closing Date (subject to certain exceptions). The Inducement Letter Agreement contains representations, warranties and covenants of the Company that the Company believes are typical for transactions of this type, and which were made solely for the benefit of the other signatories to the Inducement Letter. The provisions of the Inducement Letter, including the representations and warranties contained therein, are not for the benefit of any party other than the party signatories thereto and are not intended for investors or the public to obtain factual information about the current state of affairs of the parties to the Inducement Letter.

The forms of the Inducement Letter, the New Options and the Placement Agent Options are attached as Exhibits 10.1, 4.1 and 4.2, respectively. The descriptions of the terms of the Inducement Letter, the New Options and the Placement Agent Options are not intended to be complete and are qualified in their entirety by reference to such exhibits.

Item 3.02 Unregistered Sales of Equity Securities.

The information in Item 1.01 above is incorporated herein by reference. The offer and sale by the Company of the Shares, the New Options, the Placement Agent Options, New Option Shares and Placement Option Shares described in Item 1.01 have not been registered under the Securities Act of 1933, as amended (the "Securities Act") and such securities were offered in a private placement transaction pursuant to the exemption from registration provided in Section 4(a)(2) under the Securities Act and Rule 506(b) promulgated thereunder, as sales to accredited investors. Such securities may not be offered or sold in the United States absent registration or an exemption from registration under the Securities Act and any applicable state securities laws. Neither this Current Report on Form 8-K nor any exhibit attached hereto is an offer to sell or the solicitation of an offer to buy our securities nor shall there be any sale of the securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

Item 3.03 Material Modification to Rights of Security Holders.

On January 9, 2026, the Company agreed to reduce the exercise price for the Existing Options to \$2.575 per share.

Item 7.01 Regulation FD Disclosure.

On January 12, 2026, the Company issued a press release disclosing the Private Placement transaction referenced above. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. The information furnished in this Item 7.01, including Exhibit 99.1, is not deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act 1934, as amended, or otherwise subject to the liability of that section. This information will not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates them by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
4.1	Form of New Preferred Investment Option
4.4	Form of Placement Agent Preferred Investment Option
10.1	Inducement Letter Agreement dated January 9, 2026
99.1	Press release dated January 12, 2026
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

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

ARCADIA BIOSCIENCES, INC.

Date: January 13, 2026

By: /s/ THOMAS J. SCHAEFER
Thomas J. Schaefer, Chief Executive Officer

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

PREFERRED INVESTMENT OPTION

ARCADIA BIOSCIENCES, INC.

Preferred Investment Option Shares: _____ Issue Date: January 12, 2026
Initial Exercise Date: January 12, 2026

THIS PREFERRED INVESTMENT INVESTMENT OPTION (the “Preferred Investent Option”) certifies that, for value received, _____ or its assigns (the “Holder”) is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date hereof (the “Initial Exercise Date”) and on or prior to 5:00 p.m. (New York City time) on on the date that is the thirty (30) month anniversary of the Effective Date, provided that, if such date is not a Trading Day, the date that is the immediately following Trading Day (the “Termination Date”) but not thereafter, to subscribe for and purchase from Arcadia Biosciences, Inc., a Delaware corporation (the “Company”), up to _____ shares (as subject to adjustment hereunder, the “Preferred Investment Option Shares”) of the Company’s common stock (the “Common Stock”). The purchase price of one share of Common Stock under this Preferred Investment Option shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. In addition to the terms defined elsewhere in this Preferred Investment Option, the following terms have the meanings indicated in this Section 1:

“Affiliate” means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

“Board of Directors” means the board of directors of the Company.

“Business Day” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed; provided, however, for clarification, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”,

“non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in The City of New York generally are open for use by customers on such day.

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Effective Date” means the date that the Resale Registration Statement (as defined in the Letter Agreement) has been declared effective by the Commission.

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

“Letter Agreement” means that certain letter agreement between the initial Holder hereof and the Company, dated as of January 9, 2026, pursuant to which such initial Holder agreed to exercise one or more preferred investment options to purchase shares of Common Stock and the Company agreed to issue to the initial Holder this Preferred Investment Option.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Preferred Investment Options” means this Preferred Investment Option and other preferred investment options issued by the Company pursuant to the Letter Agreement.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

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

“Subsidiary” means any subsidiary of the Company and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

“Trading Day” means a day on which the Common Stock is traded on a Trading Market.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

“Transfer Agent” means Equiniti Trust Company, LLC, the current transfer agent of the Company, with a mailing address of 28 Liberty Street, Floor 53, New York, NY 10005, and any successor transfer agent of the Company.

Section 2. Exercise.

a) Exercise of Preferred Investment Option. Exercise of the purchase rights represented by this Preferred Investment Option may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the “Notice of Exercise”). Within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the Preferred Investment Option Shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Preferred Investment Option to the Company until the Holder has purchased all of the Preferred Investment Option Shares available hereunder and the Preferred Investment Option has been exercised in full, in which case, the Holder shall surrender this Preferred Investment Option to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Preferred Investment Option resulting in purchases of a portion of the total number of Preferred Investment Option Shares available hereunder shall have the effect of lowering the outstanding number of Preferred Investment Option Shares purchasable hereunder in an amount equal to the applicable number of Preferred Investment Option Shares purchased. The Holder and the Company shall maintain records showing the number of Preferred Investment Option Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Preferred Investment Option, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Preferred Investment Option Shares hereunder, the number of Preferred Investment Option Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

b) Exercise Price. The exercise price per share of Common Stock under this Preferred Investment Option shall be \$2.325, subject to adjustment hereunder (the “Exercise Price”).

c) Cashless Exercise. If at the time of exercise hereof, there is no effective registration statement registering, or the prospectus contained therein is not available for the resale of the Preferred Investment Option Shares by the Holder, then this Preferred Investment Option may also be exercised, in whole or in part, at such time by means of a “cashless exercise” in which the Holder shall be entitled to receive a number of Preferred Investment Option Shares equal to the quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of “regular trading hours” (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (y) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (z) the Bid Price of the Common Stock on the principal Trading Market as reported by Bloomberg L.P. as of the time of the Holder’s execution of the applicable Notice of Exercise if such Notice of Exercise is executed during “regular trading hours” on a Trading Day and is delivered within two (2) hours thereafter (including until two (2) hours after the close of “regular trading hours” on a Trading Day) pursuant to Section 2(a) hereof or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of “regular trading hours” on such Trading Day;

(B) = the Exercise Price of this Preferred Investment Option, as adjusted hereunder; and

(X) = the number of Preferred Investment Option Shares that would be issuable upon exercise of this Preferred Investment Option in accordance with the terms of this Preferred Investment Option if such exercise were by means of a cash exercise rather than a cashless exercise.

“Bid Price” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the bid price of the Common Stock for the time in question (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted

for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on The Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as mutually determined by the Company and the Holder, provided that, if the Company and the Holder are unable to agree upon the fair market value of such security, then the fair market value will be determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the OTCQB Venture Market (“OTCQB”) or the OTCQX Best Market (“OTCQX”) is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (“Pink Market”) operated by the OTC Markets, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

If Preferred Investment Option Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the Preferred Investment Option Shares shall take on the characteristics of the Preferred Investment Options being exercised, and the holding period of the Preferred Investment Option Shares being issued may be tacked on to the holding period of this Preferred Investment Option. The Company agrees not to take any position contrary to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Preferred Investment Option Shares Upon Exercise. Following delivery of the Notice of Exercise, the Company shall cause the Preferred Investment Option Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder’s or its designee’s balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system (“DWAC”) if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Preferred Investment Option Shares to or resale of the Preferred Investment

Option Shares by the Holder or (B) the Preferred Investment Option Shares are eligible for resale by the Holder without volume or manner-of-sale limitations pursuant to Rule 144 (assuming cashless exercise of the Preferred Investment Options, and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Preferred Investment Option Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) one (1) Trading Day after the delivery to the Company of the Notice of Exercise, and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise (such date, the "Preferred Investment Option Share Delivery Date"). Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Preferred Investment Option Shares with respect to which this Preferred Investment Option has been exercised, irrespective of the date of delivery of the Preferred Investment Option Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received within the earlier of (i) one (1) Trading Day after the delivery of the Notice of Exercise and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery of the Notice of Exercise. If the Holder has paid the aggregate Exercise Price (other than in the case of a cashless exercise) subject to a Notice of Exercise by the Preferred Investment Option Share Delivery Date and the Company fails for any reason to deliver to the Holder the Preferred Investment Option Shares subject to a Notice of Exercise by the Preferred Investment Option Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Preferred Investment Option Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the third Trading Day after the Preferred Investment Option Share Delivery Date) for each Trading Day after such Preferred Investment Option Share Delivery Date until such Preferred Investment Option Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Preferred Investment Option remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise.

ii. Delivery of New Preferred Investment Options Upon Exercise. If this Preferred Investment Option shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Preferred Investment Option, at the time of delivery of the Preferred Investment Option Shares, deliver to the Holder a new Preferred Investment

Option evidencing the rights of the Holder to purchase the unpurchased Preferred Investment Option Shares called for by this Preferred Investment Option, which new Preferred Investment Option shall in all other respects be identical with this Preferred Investment Option.

iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Preferred Investment Option Shares pursuant to Section 2(d)(i) by the Preferred Investment Option Share Delivery Date, then the Holder will have the right to rescind such exercise on or before the second Trading Day following delivery of such Preferred Investment Option Shares.

iv. Compensation for Buy-In on Failure to Timely Deliver Preferred Investment Option Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Preferred Investment Option Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Preferred Investment Option Share Delivery Date (and the aggregate Exercise Price is paid on or before the Preferred Investment Option Share Delivery Date, other than in the case of a cashless exercise), and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Preferred Investment Option Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Preferred Investment Option Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Preferred Investment Option and equivalent number of Preferred Investment Option Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder,

at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Preferred Investment Option as required pursuant to the terms hereof.

v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Preferred Investment Option. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

vi. Charges, Taxes and Expenses. Issuance of Preferred Investment Option Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Preferred Investment Option Shares, all of which taxes and expenses shall be paid by the Company, and such Preferred Investment Option Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Preferred Investment Option Shares are to be issued in a name other than the name of the Holder, this Preferred Investment Option when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Preferred Investment Option Shares.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Preferred Investment Option, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Preferred Investment Option, and a Holder shall not have the right to exercise any portion of this Preferred Investment Option, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Preferred Investment Option with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be

issuable upon (i) exercise of the remaining, nonexercised portion of this Preferred Investment Option beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Preferred Investment Option is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Preferred Investment Option is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Preferred Investment Option is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Preferred Investment Option is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within one (1) Trading Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Preferred Investment Option, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Preferred Investment Option. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Preferred Investment Option held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be

construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Preferred Investment Option.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Preferred Investment Option is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Preferred Investment Option), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Preferred Investment Option shall be proportionately adjusted such that the aggregate Exercise Price of this Preferred Investment Option shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to all the record holders of any class of shares of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Preferred Investment Option (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (such date, the "Rights Determination Date") (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until the earlier of (i) such time, if ever, as its right thereto would

not result in the Holder exceeding the Beneficial Ownership Limitation and (ii) three months after the Rights Determination Date).

c) Pro Rata Distributions. During such time as this Preferred Investment Option is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to all holders of shares of Common Stock as a class, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution”), at any time after the issuance of this Preferred Investment Option, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Preferred Investment Option (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Fundamental Transaction. If, at any time while this Preferred Investment Option is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company (or its Subsidiaries, taken as a whole), directly or indirectly, effects any sale, lease, exclusive license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, other than any such disposition of shares of common stock of Above Food Ingredients Inc., (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of more than 50% of the outstanding Common Stock or more than 50% of the voting power of the common equity of the Company, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock or more than 50% of the voting power of the common equity of the Company (each a “Fundamental Transaction”), then, upon any subsequent exercise of

this Preferred Investment Option, the Holder shall have the right to receive, for each Preferred Investment Option Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Preferred Investment Option), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Preferred Investment Option is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Preferred Investment Option). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Preferred Investment Option following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction in which both (i) the holders of the voting securities of the Company as of immediately prior to such Fundamental Transaction will not, following such Fundamental Transaction, directly or indirectly own more than 50% of the voting securities of the surviving entity or Successor Entity (as defined below), as applicable, and (ii) the Company is not the Successor Entity or does not continue as a reporting issuer under the Exchange Act ((i) and (ii), the “**Buy-back Conditions**”), the Company or any Successor Entity (as defined below) shall, at the Holder’s option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Preferred Investment Option from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value (as defined below) of the remaining unexercised portion of this Preferred Investment Option on the date of the consummation of such Fundamental Transaction; provided, however, that, if the Buy-back Conditions have been satisfied and (1) the Fundamental Transaction is not within the Company's control, including not approved by the Company's Board of Directors, or (2) the Alternate Consideration payable to holders of the Company’s Common Stock in such Fundamental Transaction consists of equity securities of the Successor Entity (or its ultimate parent) that are quoted or listed on a nationally recognized securities exchange, then Holder shall only be entitled to receive from the Company or any Successor Entity the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Preferred Investment Option, that is being offered and paid to the holders of Common Stock of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Common Stock are given the choice to receive from among alternative forms of consideration in connection with the Fundamental Transaction; provided, further, that if holders of Common Stock of the Company are not

offered or paid any consideration in such Fundamental Transaction where the Buy-back Conditions have been satisfied, such holders of Common Stock will be deemed to have received common stock of the Successor Entity (which Successor Entity may be the Company following such Fundamental Transaction) in such Fundamental Transaction. “Black Scholes Value” means the value of this Preferred Investment Option based on the Black-Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date, (B) an expected volatility equal to 100%, (C) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction and (D) a remaining option time equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date and (E) a zero cost of borrow. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds (or such other consideration) within the later of (i) five Business Days of the Holder’s election and (ii) the date of consummation of the Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (such entity, or if the Company is the surviving or successor entity then the Company, referred to as the “Successor Entity”) to assume in writing all of the obligations of the Company under this Preferred Investment Option and the other Transaction Documents in accordance with the provisions of this Section 3(d) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Preferred Investment Option a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Preferred Investment Option which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Preferred Investment Option (without regard to any limitations on the exercise of this Preferred Investment Option) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Preferred Investment Option immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Preferred Investment Option and the other Transaction Documents referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Preferred Investment Option and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Company herein.

e) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

f) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Preferred Investment Option Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Preferred Investment Option Register of the Company, at least 10 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided in this Preferred Investment Option constitutes, or

contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Preferred Investment Option during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Preferred Investment Option.

a) Transferability. Subject to compliance with any applicable securities laws and the conditions set forth in Section 4(d) hereof and to the provisions of Section 4.1 of the Purchase Agreement, this Preferred Investment Option and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Preferred Investment Option at the principal office of the Company or its designated agent, together with a written assignment of this Preferred Investment Option substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Preferred Investment Option or Preferred Investment Options in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Preferred Investment Option evidencing the portion of this Preferred Investment Option not so assigned, and this Preferred Investment Option shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Preferred Investment Option to the Company unless the Holder has assigned this Preferred Investment Option in full, in which case, the Holder shall surrender this Preferred Investment Option to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Preferred Investment Option in full. The Preferred Investment Option, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Preferred Investment Option Shares without having a new Preferred Investment Option issued.

b) New Preferred Investment Options. This Preferred Investment Option may be divided or combined with other Preferred Investment Options upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Preferred Investment Options are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Preferred Investment Option or Preferred Investment Options in exchange for the Preferred Investment Option or Preferred Investment Options to be divided or combined in accordance with such notice. All Preferred Investment Options issued on transfers or exchanges shall be dated the Issue Date of this Preferred Investment Option and shall be identical with this Preferred Investment Option except as to the number of Preferred Investment Option Shares issuable pursuant thereto.

c) Preferred Investment Option Register. The Company shall register this Preferred Investment Option, upon records to be maintained by the Company for that purpose (the “Preferred Investment Option Register”), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Preferred Investment Option as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

d) Transfer Restrictions. If, at the time of the surrender of this Preferred Investment Option in connection with any transfer of this Preferred Investment Option, the transfer of this Preferred Investment Option shall not be either (i) registered pursuant to an effective registration statement under the Securities Act and under applicable state securities or blue sky laws or (ii) eligible for resale without volume or manner-of-sale restrictions or current public information requirements pursuant to Rule 144, the Company may require, as a condition of allowing such transfer, that the Holder or transferee of this Preferred Investment Option, as the case may be, comply with the provisions of Section 5.7 of the Purchase Agreement.

e) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Preferred Investment Option and, upon any exercise hereof, will acquire the Preferred Investment Option Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Preferred Investment Option Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Miscellaneous.

a) No Rights as Stockholder Until Exercise; No Settlement in Cash. This Preferred Investment Option does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3. Without limiting the rights of a Holder to receive Preferred Investment Option Shares on a “cashless exercise,” and to receive the cash payments contemplated pursuant to Sections 2(d)(i) and 2(d)(iv), in no event will the Company be required to net cash settle a Preferred Investment Option exercise.

b) Loss, Theft, Destruction or Mutilation of Preferred Investment Option. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Preferred Investment Option or any stock certificate relating to the Preferred Investment Option Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Preferred Investment Option, shall not include the posting of any bond), and upon surrender and cancellation of such Preferred Investment Option or stock certificate, if mutilated, the Company will make and deliver a new Preferred Investment Option or stock certificate of like tenor and dated as of such cancellation, in lieu of such Preferred Investment Option or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then, such action may be taken or such right may be exercised on the next succeeding Business Day.

d) Authorized Shares.

The Company covenants that, during the period the Preferred Investment Option is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Preferred Investment Option Shares upon the exercise of any purchase rights under this Preferred Investment Option. The Company further covenants that its issuance of this Preferred Investment Option shall constitute full authority to its officers who are charged with the duty of issuing the necessary Preferred Investment Option Shares upon the exercise of the purchase rights under this Preferred Investment Option. The Company will take all such reasonable action as may be necessary to assure that such Preferred Investment Option Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed. The Company covenants that all Preferred Investment Option Shares which may be issued upon the exercise of the purchase rights represented by this Preferred Investment Option will, upon exercise of the purchase rights represented by this Preferred Investment Option and payment for such Preferred Investment Option Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Preferred Investment Option, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Preferred Investment Option against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Preferred Investment Option Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Preferred Investment Option Shares upon the exercise of this Preferred Investment Option and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Preferred Investment Option.

Before taking any action which would result in an adjustment in the number of Preferred Investment Option Shares for which this Preferred Investment Option is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Preferred Investment Option shall be determined in accordance with the provisions of the Purchase Agreement.

f) Restrictions. The Holder acknowledges that the Preferred Investment Option Shares acquired upon the exercise of this Preferred Investment Option, if not registered and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder or the Company shall operate as a waiver of such right or otherwise prejudice that party's rights, powers or remedies, notwithstanding the fact that the right to exercise this Preferred Investment Option terminates on the Termination Date. Without limiting any other provision of this Preferred Investment Option or the Purchase Agreement, if either party willfully and knowingly fails to comply with any provision of this Preferred Investment Option, which results in any material damages to the other party, the first party shall pay such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the affected party in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any notice, request or other document required or permitted to be given or delivered to the Holder by the Company shall be delivered in accordance with the notice provisions of the Purchase Agreement.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Preferred Investment Option to purchase Preferred Investment Option Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Preferred Investment Option. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Preferred Investment Option and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Preferred Investment Option and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Preferred Investment Option are intended to be for the benefit of any Holder from time to time of this Preferred Investment Option and shall be enforceable by the Holder or holder of Preferred Investment Option Shares.

l) Amendment. Other than Section 2(e) above and this Section 5(l), which may not be amended, modified or waived, this Preferred Investment Option may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder.

m) Severability. Wherever possible, each provision of this Preferred Investment Option shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Preferred Investment Option shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Preferred Investment Option.

n) Acceptance. Receipt of this Preferred Investment Option by the Holder shall constitute acceptance of and agreement to all of the terms and conditions contained herein.

o) Headings. The headings used in this Preferred Investment Option are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Preferred Investment Option.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Preferred Investment Option to be executed by its officer thereunto duly authorized as of the date first above indicated.

ARCADIA BIOSCIENCES, INC.

By: _____
Name: Thomas J. Schaefer
Title: Chief Executive Officer

NOTICE OF EXERCISE

TO: ARCADIA BIOSCIENCES, INC.

(1) The undersigned hereby elects to purchase _____ Preferred Investment Option Shares of the Company pursuant to the terms of the attached Preferred Investment Option (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

in lawful money of the United States; or

if permitted the cancellation of such number of Preferred Investment Option Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Preferred Investment Option with respect to the maximum number of Preferred Investment Option Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue said Preferred Investment Option Shares in the name of the undersigned or in such other name as is specified below:

The Preferred Investment Option Shares shall be delivered to the following DWAC Account Number:

(4) In accordance with Section 2(e) of the Preferred Investment Option, after giving effect to the number of Preferred Investment Option Shares issuable upon this exercise of the Preferred Investment Option, the undersigned will not beneficially own in excess of 4.99% (or 9.99%, if applicable in accordance with Section 2(e)) of the number of shares of Common Stock of the Company outstanding immediately after giving effect to the issuance of such Preferred Investment Option Shares.

(5) Accredited Investor. The undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended.

[SIGNATURE OF HOLDER]

Name of Investing Entity: _____

Signature of Authorized Signatory of Investing Entity: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Date: _____

EXHIBIT B

ASSIGNMENT FORM

(To assign the foregoing Preferred Investment Option, execute this form and supply required information. Do not use this form to exercise the Preferred Investment Option to purchase shares.)

FOR VALUE RECEIVED, the foregoing Preferred Investment Option and all rights evidenced thereby are hereby assigned to
Name:

(Please Print)

Address:

(Please Print)

Phone Number:

Email Address:

Dated: _____, _____

Holder's Signature:

Holder's Address:

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

PLACEMENT AGENT PREFERRED INVESTMENT OPTION

ARCADIA BIOSCIENCES, INC.

Preferred Investment Option Shares: _____ Issue Date: January 12, 2026
Initial Exercise Date: January 12, 2026

THIS PLACEMENT AGENT PREFERRED INVESTMENT INVESTMENT OPTION (the "Preferred Investent Option") certifies that, for value received, _____ or its assigns (the "Holder") is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date hereof (the "Initial Exercise Date") and on or prior to 5:00 p.m. (New York City time) on on the date that is the thirty (30) month anniversary of the Effective Date, provided that, if such date is not a Trading Day, the date that is the immediately following Trading Day (the "Termination Date") but not thereafter, to subscribe for and purchase from Arcadia Biosciences, Inc., a Delaware corporation (the "Company"), up to _____ shares (as subject to adjustment hereunder, the "Preferred Investment Option Shares") of the Company's common stock (the "Common Stock"). The purchase price of one share of Common Stock under this Preferred Investment Option shall be equal to the Exercise Price, as defined in Section 2(b). This Warrant is issued pursuant to that certain Engagement Agreement, by and between the Company and H.C. Wainwright & Co., LLC, dated as of January 8. 2026 (the "Engagement Agreement").

Section 1. Definitions. In addition to the terms defined elsewhere in this Preferred Investment Option, the following terms have the meanings indicated in this Section 1:

"Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

"Board of Directors" means the board of directors of the Company.

“Business Day” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed; provided, however, for clarification, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”, “non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in The City of New York generally are open for use by customers on such day.

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Effective Date” means the date that the Resale Registration Statement (as defined in the Letter Agreement) has been declared effective by the Commission.

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

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Preferred Investment Options” means this Preferred Investment Option and other preferred investment options issued by the Company pursuant to the Engagement Agreement.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

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

“Subsidiary” means any subsidiary of the Company and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

“Trading Day” means a day on which the Common Stock is traded on a Trading Market.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

“Transfer Agent” means Equiniti Trust Company, LLC, the current transfer agent of the Company, with a mailing address of 28 Liberty Street, Floor 53, New York, NY 10005, and any successor transfer agent of the Company.

Section 2. Exercise.

a) Exercise of Preferred Investment Option. Exercise of the purchase rights represented by this Preferred Investment Option may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the “Notice of Exercise”). Within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the Preferred Investment Option Shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Preferred Investment Option to the Company until the Holder has purchased all of the Preferred Investment Option Shares available hereunder and the Preferred Investment Option has been exercised in full, in which case, the Holder shall surrender this Preferred Investment Option to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Preferred Investment Option resulting in purchases of a portion of the total number of Preferred Investment Option Shares available hereunder shall have the effect of lowering the outstanding number of Preferred Investment Option Shares purchasable hereunder in an amount equal to the applicable number of Preferred Investment Option Shares purchased. The Holder and the Company shall maintain records showing the number of Preferred Investment Option Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Preferred Investment Option, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Preferred Investment Option Shares hereunder, the number of Preferred Investment Option Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

b) Exercise Price. The exercise price per share of Common Stock under this Preferred Investment Option shall be **\$3.2188**, subject to adjustment hereunder (the "Exercise Price").

c) Cashless Exercise. If at the time of exercise hereof, there is no effective registration statement registering, or the prospectus contained therein is not available for the resale of the Preferred Investment Option Shares by the Holder, then this Preferred Investment Option may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive a number of Preferred Investment Option Shares equal to the quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (y) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (z) the Bid Price of the Common Stock on the principal Trading Market as reported by Bloomberg L.P. as of the time of the Holder's execution of the applicable Notice of Exercise if such Notice of Exercise is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter (including until two (2) hours after the close of "regular trading hours" on a Trading Day) pursuant to Section 2(a) hereof or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of "regular trading hours" on such Trading Day;

(B) = the Exercise Price of this Preferred Investment Option, as adjusted hereunder; and

(X) = the number of Preferred Investment Option Shares that would be issuable upon exercise of this Preferred Investment Option in accordance with the terms of this Preferred Investment Option if such exercise were by means of a cash exercise rather than a cashless exercise.

"Bid Price" means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the bid price of the Common Stock for the time in question (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted

for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on The Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as mutually determined by the Company and the Holder, provided that, if the Company and the Holder are unable to agree upon the fair market value of such security, then the fair market value will be determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the OTCQB Venture Market (“OTCQB”) or the OTCQX Best Market (“OTCQX”) is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (“Pink Market”) operated by the OTC Markets, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

If Preferred Investment Option Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the Preferred Investment Option Shares shall take on the characteristics of the Preferred Investment Options being exercised, and the holding period of the Preferred Investment Option Shares being issued may be tacked on to the holding period of this Preferred Investment Option. The Company agrees not to take any position contrary to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Preferred Investment Option Shares Upon Exercise. Following delivery of the Notice of Exercise, the Company shall cause the Preferred Investment Option Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder’s or its designee’s balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system (“DWAC”) if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Preferred Investment Option Shares to or resale of the Preferred Investment

Option Shares by the Holder or (B) the Preferred Investment Option Shares are eligible for resale by the Holder without volume or manner-of-sale limitations pursuant to Rule 144 (assuming cashless exercise of the Preferred Investment Options, and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Preferred Investment Option Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) one (1) Trading Day after the delivery to the Company of the Notice of Exercise, and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise (such date, the "Preferred Investment Option Share Delivery Date"). Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Preferred Investment Option Shares with respect to which this Preferred Investment Option has been exercised, irrespective of the date of delivery of the Preferred Investment Option Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received within the earlier of (i) one (1) Trading Day after the delivery of the Notice of Exercise and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery of the Notice of Exercise. If the Holder has paid the aggregate Exercise Price (other than in the case of a cashless exercise) subject to a Notice of Exercise by the Preferred Investment Option Share Delivery Date and the Company fails for any reason to deliver to the Holder the Preferred Investment Option Shares subject to a Notice of Exercise by the Preferred Investment Option Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Preferred Investment Option Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the third Trading Day after the Preferred Investment Option Share Delivery Date) for each Trading Day after such Preferred Investment Option Share Delivery Date until such Preferred Investment Option Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Preferred Investment Option remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise.

ii. Delivery of New Preferred Investment Options Upon Exercise. If this Preferred Investment Option shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Preferred Investment Option, at the time of delivery of the Preferred Investment Option Shares, deliver to the Holder a new Preferred Investment

Option evidencing the rights of the Holder to purchase the unpurchased Preferred Investment Option Shares called for by this Preferred Investment Option, which new Preferred Investment Option shall in all other respects be identical with this Preferred Investment Option.

iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Preferred Investment Option Shares pursuant to Section 2(d)(i) by the Preferred Investment Option Share Delivery Date, then the Holder will have the right to rescind such exercise on or before the second Trading Day following delivery of such Preferred Investment Option Shares.

iv. Compensation for Buy-In on Failure to Timely Deliver Preferred Investment Option Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Preferred Investment Option Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Preferred Investment Option Share Delivery Date (and the aggregate Exercise Price is paid on or before the Preferred Investment Option Share Delivery Date, other than in the case of a cashless exercise), and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Preferred Investment Option Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Preferred Investment Option Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Preferred Investment Option and equivalent number of Preferred Investment Option Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder,

at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Preferred Investment Option as required pursuant to the terms hereof.

v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Preferred Investment Option. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

vi. Charges, Taxes and Expenses. Issuance of Preferred Investment Option Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Preferred Investment Option Shares, all of which taxes and expenses shall be paid by the Company, and such Preferred Investment Option Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Preferred Investment Option Shares are to be issued in a name other than the name of the Holder, this Preferred Investment Option when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Preferred Investment Option Shares.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Preferred Investment Option, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Preferred Investment Option, and a Holder shall not have the right to exercise any portion of this Preferred Investment Option, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Preferred Investment Option with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be

issuable upon (i) exercise of the remaining, nonexercised portion of this Preferred Investment Option beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Preferred Investment Option is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Preferred Investment Option is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Preferred Investment Option is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Preferred Investment Option is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within one (1) Trading Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Preferred Investment Option, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 4.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Preferred Investment Option. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Preferred Investment Option held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be

construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Preferred Investment Option.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Preferred Investment Option is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Preferred Investment Option), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Preferred Investment Option shall be proportionately adjusted such that the aggregate Exercise Price of this Preferred Investment Option shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to all the record holders of any class of shares of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Preferred Investment Option (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (such date, the "Rights Determination Date") (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until the earlier of (i) such time, if ever, as its right thereto would

not result in the Holder exceeding the Beneficial Ownership Limitation and (ii) three months after the Rights Determination Date).

c) Pro Rata Distributions. During such time as this Preferred Investment Option is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to all holders of shares of Common Stock as a class, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution”), at any time after the issuance of this Preferred Investment Option, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Preferred Investment Option (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Fundamental Transaction. If, at any time while this Preferred Investment Option is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company (or its Subsidiaries, taken as a whole), directly or indirectly, effects any sale, lease, exclusive license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, other than any such disposition of shares of common stock of Above Food Ingredients Inc., (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of more than 50% of the outstanding Common Stock or more than 50% of the voting power of the common equity of the Company, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock or more than 50% of the voting power of the common equity of the Company (each a “Fundamental Transaction”), then, upon any subsequent exercise of

this Preferred Investment Option, the Holder shall have the right to receive, for each Preferred Investment Option Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Preferred Investment Option), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Preferred Investment Option is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Preferred Investment Option). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Preferred Investment Option following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction in which both (i) the holders of the voting securities of the Company as of immediately prior to such Fundamental Transaction will not, following such Fundamental Transaction, directly or indirectly own more than 50% of the voting securities of the surviving entity or Successor Entity (as defined below), as applicable, and (ii) the Company is not the Successor Entity or does not continue as a reporting issuer under the Exchange Act ((i) and (ii), the “**Buy-back Conditions**”), the Company or any Successor Entity (as defined below) shall, at the Holder’s option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Preferred Investment Option from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value (as defined below) of the remaining unexercised portion of this Preferred Investment Option on the date of the consummation of such Fundamental Transaction; provided, however, that, if the Buy-back Conditions have been satisfied and (1) the Fundamental Transaction is not within the Company's control, including not approved by the Company's Board of Directors, or (2) the Alternate Consideration payable to holders of the Company’s Common Stock in such Fundamental Transaction consists of equity securities of the Successor Entity (or its ultimate parent) that are quoted or listed on a nationally recognized securities exchange, then Holder shall only be entitled to receive from the Company or any Successor Entity the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Preferred Investment Option, that is being offered and paid to the holders of Common Stock of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Common Stock are given the choice to receive from among alternative forms of consideration in connection with the Fundamental Transaction; provided, further, that if holders of Common Stock of the Company are not

offered or paid any consideration in such Fundamental Transaction where the Buy-back Conditions have been satisfied, such holders of Common Stock will be deemed to have received common stock of the Successor Entity (which Successor Entity may be the Company following such Fundamental Transaction) in such Fundamental Transaction. “Black Scholes Value” means the value of this Preferred Investment Option based on the Black-Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date, (B) an expected volatility equal to 100%, (C) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction and (D) a remaining option time equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date and (E) a zero cost of borrow. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds (or such other consideration) within the later of (i) five Business Days of the Holder’s election and (ii) the date of consummation of the Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (such entity, or if the Company is the surviving or successor entity then the Company, referred to as the “Successor Entity”) to assume in writing all of the obligations of the Company under this Preferred Investment Option and the other Transaction Documents in accordance with the provisions of this Section 3(d) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Preferred Investment Option a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Preferred Investment Option which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Preferred Investment Option (without regard to any limitations on the exercise of this Preferred Investment Option) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Preferred Investment Option immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Preferred Investment Option and the other Transaction Documents referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Preferred Investment Option and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Company herein.

e) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

f) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Preferred Investment Option Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Preferred Investment Option Register of the Company, at least 10 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided in this Preferred Investment Option constitutes, or

contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Preferred Investment Option during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Preferred Investment Option.

a) Transferability. Subject to compliance with any applicable securities laws and the conditions set forth in Section 4(d) hereof and to the provisions of Section 4.1 of the Purchase Agreement, this Preferred Investment Option and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Preferred Investment Option at the principal office of the Company or its designated agent, together with a written assignment of this Preferred Investment Option substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Preferred Investment Option or Preferred Investment Options in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Preferred Investment Option evidencing the portion of this Preferred Investment Option not so assigned, and this Preferred Investment Option shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Preferred Investment Option to the Company unless the Holder has assigned this Preferred Investment Option in full, in which case, the Holder shall surrender this Preferred Investment Option to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Preferred Investment Option in full. The Preferred Investment Option, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Preferred Investment Option Shares without having a new Preferred Investment Option issued.

b) New Preferred Investment Options. This Preferred Investment Option may be divided or combined with other Preferred Investment Options upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Preferred Investment Options are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Preferred Investment Option or Preferred Investment Options in exchange for the Preferred Investment Option or Preferred Investment Options to be divided or combined in accordance with such notice. All Preferred Investment Options issued on transfers or exchanges shall be dated the Issue Date of this Preferred Investment Option and shall be identical with this Preferred Investment Option except as to the number of Preferred Investment Option Shares issuable pursuant thereto.

c) Preferred Investment Option Register. The Company shall register this Preferred Investment Option, upon records to be maintained by the Company for that purpose (the “Preferred Investment Option Register”), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Preferred Investment Option as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

d) Transfer Restrictions. If, at the time of the surrender of this Preferred Investment Option in connection with any transfer of this Preferred Investment Option, the transfer of this Preferred Investment Option shall not be either (i) registered pursuant to an effective registration statement under the Securities Act and under applicable state securities or blue sky laws or (ii) eligible for resale without volume or manner-of-sale restrictions or current public information requirements pursuant to Rule 144, the Company may require, as a condition of allowing such transfer, that the Holder or transferee of this Preferred Investment Option, as the case may be, comply with the provisions of Section 5.7 of the Purchase Agreement.

e) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Preferred Investment Option and, upon any exercise hereof, will acquire the Preferred Investment Option Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Preferred Investment Option Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Miscellaneous.

a) No Rights as Stockholder Until Exercise; No Settlement in Cash. This Preferred Investment Option does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3. Without limiting the rights of a Holder to receive Preferred Investment Option Shares on a “cashless exercise,” and to receive the cash payments contemplated pursuant to Sections 2(d)(i) and 2(d)(iv), in no event will the Company be required to net cash settle a Preferred Investment Option exercise.

b) Loss, Theft, Destruction or Mutilation of Preferred Investment Option. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Preferred Investment Option or any stock certificate relating to the Preferred Investment Option Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Preferred Investment Option, shall not include the posting of any bond), and upon surrender and cancellation of such Preferred Investment Option or stock certificate, if mutilated, the Company will make and deliver a new Preferred Investment Option or stock certificate of like tenor and dated as of such cancellation, in lieu of such Preferred Investment Option or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then, such action may be taken or such right may be exercised on the next succeeding Business Day.

d) Authorized Shares.

The Company covenants that, during the period the Preferred Investment Option is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Preferred Investment Option Shares upon the exercise of any purchase rights under this Preferred Investment Option. The Company further covenants that its issuance of this Preferred Investment Option shall constitute full authority to its officers who are charged with the duty of issuing the necessary Preferred Investment Option Shares upon the exercise of the purchase rights under this Preferred Investment Option. The Company will take all such reasonable action as may be necessary to assure that such Preferred Investment Option Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed. The Company covenants that all Preferred Investment Option Shares which may be issued upon the exercise of the purchase rights represented by this Preferred Investment Option will, upon exercise of the purchase rights represented by this Preferred Investment Option and payment for such Preferred Investment Option Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Preferred Investment Option, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Preferred Investment Option against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Preferred Investment Option Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Preferred Investment Option Shares upon the exercise of this Preferred Investment Option and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Preferred Investment Option.

Before taking any action which would result in an adjustment in the number of Preferred Investment Option Shares for which this Preferred Investment Option is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Preferred Investment Option shall be determined in accordance with the provisions of the Purchase Agreement.

f) Restrictions. The Holder acknowledges that the Preferred Investment Option Shares acquired upon the exercise of this Preferred Investment Option, if not registered and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder or the Company shall operate as a waiver of such right or otherwise prejudice that party's rights, powers or remedies, notwithstanding the fact that the right to exercise this Preferred Investment Option terminates on the Termination Date. Without limiting any other provision of this Preferred Investment Option or the Purchase Agreement, if either party willfully and knowingly fails to comply with any provision of this Preferred Investment Option, which results in any material damages to the other party, the first party shall pay such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the affected party in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any notice, request or other document required or permitted to be given or delivered to the Holder by the Company shall be delivered in accordance with the notice provisions of the Purchase Agreement.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Preferred Investment Option to purchase Preferred Investment Option Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Preferred Investment Option. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Preferred Investment Option and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Preferred Investment Option and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Preferred Investment Option are intended to be for the benefit of any Holder from time to time of this Preferred Investment Option and shall be enforceable by the Holder or holder of Preferred Investment Option Shares.

l) Amendment. Other than Section 2(e) above and this Section 5(l), which may not be amended, modified or waived, this Preferred Investment Option may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder.

m) Severability. Wherever possible, each provision of this Preferred Investment Option shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Preferred Investment Option shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Preferred Investment Option.

n) Acceptance. Receipt of this Preferred Investment Option by the Holder shall constitute acceptance of and agreement to all of the terms and conditions contained herein.

o) Headings. The headings used in this Preferred Investment Option are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Preferred Investment Option.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Preferred Investment Option to be executed by its officer thereunto duly authorized as of the date first above indicated.

ARCADIA BIOSCIENCES, INC.

By: _____
Name: Thomas J. Schaefer
Title: Chief Executive Officer

NOTICE OF EXERCISE

TO: ARCADIA BIOSCIENCES, INC.

(1) The undersigned hereby elects to purchase _____ Preferred Investment Option Shares of the Company pursuant to the terms of the attached Preferred Investment Option (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

in lawful money of the United States; or

if permitted the cancellation of such number of Preferred Investment Option Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Preferred Investment Option with respect to the maximum number of Preferred Investment Option Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue said Preferred Investment Option Shares in the name of the undersigned or in such other name as is specified below:

The Preferred Investment Option Shares shall be delivered to the following DWAC Account Number:

(4) In accordance with Section 2(e) of the Preferred Investment Option, after giving effect to the number of Preferred Investment Option Shares issuable upon this exercise of the Preferred Investment Option, the undersigned will not beneficially own in excess of 4.99% (or 9.99%, if applicable in accordance with Section 2(e)) of the number of shares of Common Stock of the Company outstanding immediately after giving effect to the issuance of such Preferred Investment Option Shares.

(5) Accredited Investor. The undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended.

[SIGNATURE OF HOLDER]

Name of Investing Entity: _____

Signature of Authorized Signatory of Investing Entity: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Date: _____

EXHIBIT B

ASSIGNMENT FORM

(To assign the foregoing Preferred Investment Option, execute this form and supply required information. Do not use this form to exercise the Preferred Investment Option to purchase shares.)

FOR VALUE RECEIVED, the foregoing Preferred Investment Option and all rights evidenced thereby are hereby assigned to
Name:

(Please Print)

Address:

(Please Print)

Phone Number:

Email Address:

Dated: _____, _____

Holder's Signature:

Holder's Address:

ARCADIA BIOSCIENCES, INC.

January 9, 2026

Holder of Preferred Investment Options

Re: Inducement Offer to Exercise Preferred Investment Options

Dear Holder:

Arcadia Biosciences, Inc. (the “Company”) is pleased to offer to you (“Holder”, “you” or similar terminology) (i) the opportunity to receive new preferred investment options to purchase shares of the Company’s common stock, par value \$0.001 per share (the “Common Stock”) and (ii) a reduction in the Exercise Price (as defined in the respective Existing PIOs) of the preferred investment options set forth on Exhibit A hereto (the “Existing PIOs”) held by you in consideration for exercising by you for cash all of the Existing PIOs, as set forth on the signature page hereto. The resale of the shares of Common Stock underlying the Existing PIOs (the “Existing PIO Shares”) has been registered pursuant to the registration statements on Form S-1 (File Nos. 333-262407 and 333-267637) and Form S-3 (File 333-252659 and 333-271082) (the “Registration Statements”). The Registration Statements are currently effective and, upon exercise of the Existing PIOs pursuant to this letter agreement, will be effective for the issuance or resale of the Existing PIO Shares. Capitalized terms not otherwise defined herein shall have the meanings set forth in the New PIOs (as defined herein).

The Company desires to reduce the Exercise Price (as defined in the respective Existing PIOs) of the Existing PIOs to \$2.575 per share (the “Reduced Exercise Price”). In consideration for the exercise in full for cash of all of the Existing PIOs held by the Holder at the Reduced Exercise Price as set forth on the Holder’s signature page hereto (the “PIO Exercise”) on or before the Execution Time (as defined below), the Company hereby offers to sell and issue you new unregistered preferred investment options (the “New PIOs”) pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended (“Securities Act”), to purchase up to a number of shares (the “New PIO Shares”) of Common Stock equal to 200% of the number of Preferred Investment Option Shares issued pursuant to the PIO Exercise hereunder, which New PIOs shall have an exercise price per share equal to \$2.325, subject to adjustment as provided in the New PIOs, will be exercisable immediately and have a term of exercise of thirty (30) months after the Effective Date, which New PIOs shall be substantially in the form as set forth in Exhibit A-1 hereto.

The New PIO certificate(s) will be delivered at Closing (as defined below), and such New PIOs, together with any underlying shares of Common Stock issued upon exercise of the New PIOs, will, unless and until their sales are registered under the Securities Act, contain customary restrictive legends and other language typical for an unregistered preferred investment option and unregistered shares. Notwithstanding anything herein to the contrary, in the event that any PIO Exercise would otherwise cause the Holder to exceed the beneficial ownership limitations (“Beneficial Ownership Limitation”) set forth in Section 2(e) of the Existing PIOs (or, if applicable

and at the Holder's election, 9.99%), the Company shall only issue such number of Existing PIO Shares to the Holder that would not cause the Holder to exceed the maximum number of Preferred Investment Option Shares permitted thereunder, as directed by the Holder, with the balance to be held in abeyance until notice from the Holder that the balance (or portion thereof) may be issued in compliance with such limitations, which abeyance shall be evidenced through the Existing PIOs which shall be deemed prepaid thereafter (including the cash payment in full of the exercise price), and exercised pursuant to a Notice of Exercise in the Existing PIOs (provided no additional exercise price shall be due and payable). The parties hereby agree that the Beneficial Ownership Limitation for purposes of the Existing PIOs is as set forth on the Holder's signature page hereto.

Expressly subject to the paragraph immediately following this paragraph below, Holder may accept this offer by signing this letter agreement below, with such acceptance constituting Holder's exercise in full of the Existing PIOs for an aggregate exercise price set forth on the Holder's signature page hereto (the "PIO Exercise Price") on or before 3:59 p.m., Eastern Time, on January 9, 2026 (the "Execution Time").

Additionally, the Company agrees to the representations, warranties and covenants set forth on Annex A attached hereto. Holder represents and warrants that, as of the date hereof it is, and on each date on which it exercises any New PIOs it will be, an "accredited investor" as defined in Rule 501 of Regulation D promulgated under the Securities Act, and agrees that the New PIOs will contain restrictive legends when issued, and neither the New PIOs nor the shares of Common Stock issuable upon exercise of the New PIOs will be registered under the Securities Act, except as provided in Annex A attached hereto. Also, Holder represents and warrants that it is acquiring the New PIOs as principal for its own account and has no direct or indirect arrangement or understandings with any other persons to distribute or regarding the distribution of the New PIOs or the New PIO Shares (this representation is not limiting Holder's right to sell the New PIO Shares pursuant to an effective registration statement under the Securities Act or otherwise in compliance with applicable federal and state securities laws).

The Holder understands that issuance of the New PIOs and the New PIO Shares are not, and may never be, registered under the Securities Act, or the securities laws of any state and, accordingly, each certificate, if any, representing such securities shall bear a legend substantially similar to the following:

"THE OFFER AND SALE OF THIS SECURITY HAS NOT BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND, ACCORDINGLY, THIS SECURITY MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS."

Certificates evidencing the New PIO Shares shall not contain any legend (including the legend set forth above), (i) while a registration statement covering the resale of such New PIO Shares is effective under the Securities Act, (ii) following any sale of such New PIO Shares pursuant to Rule 144 under the Securities Act, (iii) if such New PIO Shares are eligible for sale under Rule 144 (assuming cashless exercise of the New PIOs), without the requirement for the Company to be in compliance with the current public information required under Rule 144 as to such New PIO Shares and without volume or manner-of-sale restrictions, (iv) if such New PIO Shares may be sold under Rule 144 (assuming cashless exercise of the New PIOs) and the Company is then in compliance with the current public information required under Rule 144 as to such New PIO Shares, or (v) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Securities and Exchange Commission (the “Commission”) and the earliest of clauses (i) through (v), the “Delegend Date”). The Company shall cause its counsel to issue a legal opinion to the Transfer Agent promptly after the Delegend Date if required by the Company and/or the Transfer Agent to effect the removal of the legend hereunder, or at the request of the Holder, which opinion shall be in form and substance reasonably acceptable to the Holder. From and after the Delegend Date, such New PIO Shares shall be issued free of all legends. The Company agrees that following the Delegend Date or at such time as such legend is no longer required under this Section, it will, no later than one (1) Trading Day following the delivery by the Holder to the Company or the Transfer Agent of a certificate representing the New PIO Shares issued with a restrictive legend (such first (1st) Trading Day, the “Legend Removal Date”), deliver or cause to be delivered to the Holder a certificate representing such shares that is free from all restrictive and other legends or, at the request of the Holder shall credit the account of the Holder’s prime broker with the Depository Trust Company System as directed by the Holder.

In addition to the Holder’s other available remedies, the Company shall pay to a Holder, in cash, (i) as partial liquidated damages and not as a penalty, for each \$1,000 of New PIO Shares (based on the VWAP of the Common Stock on the date such New PIO Shares are submitted to the Transfer Agent) delivered for removal of the restrictive legend, \$10 per Trading Day (increasing to \$20 per Trading Day five (5) Trading Days after such damages have begun to accrue) for each Trading Day after the Legend Removal Date until such certificate is delivered without a legend and (ii) if the Company fails to (a) issue and deliver (or cause to be delivered) to the Holder by the Legend Removal Date a certificate representing the New PIO Shares that is free from all restrictive and other legends and (b) if after the Legend Removal Date the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock that the Holder anticipated receiving from the Company without any restrictive legend, then, an amount equal to the excess of the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including brokerage commissions and other out-of-pocket expenses, if any) over the product of (A) such number of New PIO Shares that the Company was required to deliver to the Holder by the Legend Removal Date and for which the Holder was required to purchase shares to timely satisfy delivery requirements, multiplied by (B) the weighted average price at which the Holder sold that number of shares of Common Stock.

If this offer is accepted and the transaction documents are executed by the Execution Time, then as promptly as possible following the Execution Time, but in any event no later than 8:00 a.m., Eastern Time, on the Trading Day following the date hereof, the Company shall issue a press release disclosing the material terms of the transactions contemplated hereby and shall file a Current Report on Form 8-K with the Commission disclosing all material terms of the transactions contemplated hereunder, including the filing with the Commission of this letter agreement as an exhibit thereto within the time required by the Exchange Act. From and after the dissemination of such press release, the Company represents to you that it shall have publicly disclosed all material, non-public information delivered to you by the Company, or any of its respective officers, directors, employees or agents in connection with the transactions contemplated hereunder. In addition, effective upon the dissemination of such press release, the Company acknowledges and agrees that any and all confidentiality or similar obligations under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees or Affiliates on the one hand, and you and your Affiliates on the other hand, shall terminate. The Company represents, warrants and covenants that, upon acceptance of this offer, the Existing PIO Shares shall be issued at Closing free of any legends or restrictions on resale by Holder.

No later than the first (1st) Trading Day following the date of the public disclosure of the transactions hereunder, the closing ("Closing") shall occur at such location as the parties shall mutually agree. Unless otherwise directed by H.C. Wainwright & Co., LLC (the "Placement Agent"), settlement of the Existing PIO Shares shall occur via "Delivery Versus Payment" ("DVP") (i.e., on the Closing Date (as defined below), the Company shall issue the Existing PIO Shares registered in the Holder's name and address provided to the Company in writing and released by the Transfer Agent directly to the account(s) at the Placement Agent identified by the Holder; upon receipt of such Existing PIO Shares, the Placement Agent shall promptly electronically deliver such Existing PIO Shares to the Holder, and payment therefor shall concurrently be made to the Company by the Placement Agent (or its clearing firm) by wire transfer to the Company). The date of the Closing of the PIO Exercise shall be referred to as the "Closing Date".

The Company acknowledges and agrees that the obligations of the Holders under this letter agreement are several and not joint with the obligations of any other holder or holders of Existing PIOs or other preferred investment options of the Company (each, an "Other Holder") under any other agreement related to the exercise of such preferred investment options ("Other PIO Exercise Agreement"), and the Holder shall not be responsible in any way for the performance of the obligations of any Other Holder or under any such Other PIO Exercise Agreement. Nothing contained in this letter agreement, and no action taken by the Holders pursuant hereto, shall be deemed to constitute the Holder and the Other Holders as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Holder and the Other Holders are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by this letter agreement and the Company acknowledges that the Holder and the Other Holders are not acting in concert or as a group with respect to such obligations or the transactions contemplated by this letter agreement or any Other PIO Exercise Agreement. The Company and the Holder confirm that the Holder has independently participated in the negotiation of the transactions contemplated hereby with the advice of its own counsel and advisors. The

Holder shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this letter agreement, and it shall not be necessary for any Other Holder to be joined as an additional party in any proceeding for such purpose.

The Company hereby represents and warrants as of the date hereof and covenants and agrees from and after the date hereof until six months after the date hereof, that none of the terms offered to any Other Holder with respect to any Other PIO Exercise Agreement (or any amendment, modification or waiver thereof) relating to preferred investment options that were sold concurrently with the Existing PIOs, is or will be more favorable to such Other Holder than those of the Holder and this letter agreement unless such terms are concurrently offered to the Holder. If, and whenever on or after the date hereof until six months after the date hereof, the Company enters into an Other PIO Exercise Agreement relating to preferred investment options that were sold concurrently with the Existing PIOs, then (i) the Company shall provide notice thereof to the Holder promptly following the occurrence thereof and (ii) the terms and conditions of this letter agreement shall be, without any further action by the Holder or the Company, automatically amended and modified in an economically and legally equivalent manner such that the Holder shall receive the benefit of the more favorable terms and/or conditions (as the case may be) set forth in such Other PIO Exercise Agreement (including the issuance of additional Existing PIO Shares), provided that upon written notice to the Company at any time the Holder may elect not to accept the benefit of any such amended or modified term or condition, in which event the term or condition contained in this letter agreement shall apply to the Holder as it was in effect immediately prior to such amendment or modification as if such amendment or modification never occurred with respect to the Holder. The provisions of this paragraph shall apply similarly and equally to each such Other PIO Exercise Agreement.

The Company shall pay all transfer agent fees, stamp taxes and other taxes and duties levied in connection with the delivery of any Existing PIO Shares. This letter agreement shall be construed and enforced in accordance with the laws of the State of New York, without regards to conflicts of laws principles. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby.

Sincerely yours,

ARCADIA BIOSCIENCES, INC.

By: _____

Name:

Title:

[Holder Signature Page Follows]

Accepted and Agreed to:

Name of Holder: _____

Signature of Authorized Signatory of Holder: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Number of Existing PIOs: _____

Aggregate PIO Exercise Price at the Reduced Exercise Price being exercised contemporaneously with signing this letter agreement: _____

Existing PIOs Beneficial Ownership Blocker: 4.99% or 9.99%

New PIOs: _____ (200% of the total Existing PIOs being exercised)

New PIOs Beneficial Ownership Blocker: 4.99% or 9.99%

DTC Instructions:

[Holder signature page to RKDA Inducement Offer]

Annex A

Representations, Warranties and Covenants of the Company. The Company hereby makes the following representations and warranties to the Holder:

- a) SEC Reports. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the one year preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein “SEC Reports”). As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Exchange Act and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company is not currently an issuer identified in Rule 144(i) under the Securities Act.
- b) Authorization; Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this letter agreement and otherwise to carry out its obligations hereunder. The execution and delivery of this letter agreement by the Company and the consummation by the Company of the transactions contemplated hereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, its board of directors or its stockholders in connection herewith. This letter agreement has been duly executed by the Company and, when delivered in accordance with the terms hereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors’ rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.
- c) No Conflicts. The execution, delivery and performance of this letter agreement by the Company and the consummation by the Company of the transactions contemplated hereby do not and will not: (i) conflict with or violate any provision of the Company’s certificate or articles of incorporation, bylaws or other organizational or charter documents; or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any liens, claims, security interests, other encumbrances or defects upon any of the properties or assets of the Company in connection with, or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any material agreement, credit facility, debt or other material instrument (evidencing Company debt or otherwise) or other material understanding to which such Company is a party or by which any property or asset of the Company is bound or affected; or (iii) conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company is subject (including federal and state

securities laws and regulations), or by which any property or asset of the Company is bound or affected, except, in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a material adverse effect upon the business, prospects, properties, operations, condition (financial or otherwise) or results of operations of the Company, taken as a whole, or in its ability to perform its obligations under this letter agreement.

- d) Registration Obligations. As soon as reasonably practicable (and in any event within 30 calendar days of the date of this letter agreement) (the “Filing Date”), the Company shall file a registration statement on Form S-3 (or other appropriate form, including on Form S-1, if the Company is not then S-3 eligible) providing for the resale of the New PIO Shares by the holders of the New PIOs (the “Resale Registration Statement”). The Company shall use commercially reasonable efforts to cause the Resale Registration Statement to become effective within sixty (60) calendar days following the date hereof (or within 90 calendar days following the date hereof in case of “full review” of such registration statement by the Commission) (the “Effectiveness Date”) and to keep the Resale Registration Statement effective at all times until no holder of the New PIOs owns any New PIOs or New PIO Shares. In the event that the Resale Registration Statement is not (i) filed by the Filing Date or (ii) declared effective by the Commission by the Effectiveness Date, then, in addition to any other rights the holders of New PIOs may have hereunder or under applicable law, on the Filing Date or the Effectiveness Date (each such date being referred to herein as an “Event Date”) and on each monthly anniversary of such Event Date (if the Resale Registration Statement shall not have been filed or declared effective by the applicable Event Date) until the Resale Registration Statement is filed or declared effective, the Company shall pay to each holder of New PIOs an amount in cash, as partial liquidated damages and not as a penalty, equal to the product of 1.0% multiplied by the aggregate exercise price of the New PIOs held by each holder of the New PIOs. If the Company fails to pay any partial liquidated damages pursuant to this Section in full within seven days after the date payable, the Company will pay interest thereon at a rate of 18% per annum (or such lesser maximum amount that is permitted to be paid by applicable law) to the holders of the New PIOs, accruing daily from the date such partial liquidated damages are due until such amounts, plus all such interest thereon, are paid in full. The partial liquidated damages pursuant to the terms hereof shall apply on a daily pro rata basis for any portion of a month prior to the Resale Registration Statement being filed or declared effective, as the case may be.
- e) Trading Market. The transactions contemplated under this letter agreement comply with all the rules and regulations of the Nasdaq Capital Market.
- f) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of this letter agreement, other than: (i) the filings required pursuant to this letter agreement, (ii) application(s) or notice to each applicable Trading Market for the listing of the New PIOs and New PIO Shares for trading thereon in the time and manner required thereby, (iii) the filing of Form D with the

Commission, and (iv) such filings as are required to be made under applicable state securities laws.

g) Listing of Common Stock. The Company hereby agrees to use best efforts to maintain the listing or quotation of the Common Stock on the Trading Market on which it is currently listed, and concurrently with the Closing, the Company shall apply to list or quote all of the New PIO Shares on such Trading Market and promptly secure the listing of all of the New PIO Shares on such Trading Market. The Company further agrees, if the Company applies to have the Common Stock traded on any other Trading Market, it will then include in such application all of the New PIO Shares, and will take such other action as is necessary to cause all of the New PIO Shares to be listed or quoted on such other Trading Market as promptly as possible. The Company will then take all action reasonably necessary to continue the listing and trading of its Common Stock on a Trading Market and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Trading Market. The Company agrees to maintain the eligibility of the Common Stock for electronic transfer through the Depository Trust Company or another established clearing corporation, including, without limitation, by timely payment of fees to the Depository Trust Company or such other established clearing corporation in connection with such electronic transfer.

h) Subsequent Equity Sales.

(i) From the date hereof until forty-five (45) days following the Closing Date, neither the Company nor any Subsidiary shall (A) issue, enter into any agreement to issue or announce the issuance or proposed issuance of any Common Stock or Common Stock Equivalents or (B) file any registration statement or any amendment or supplement to any existing registration statement (other than the Resale Registration Statement referred to herein). "Exempt Issuance" means the issuance of (a) shares of Common Stock or options to consultants, employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose for services rendered to the Company, provided, however, any such issuances to consultants shall not exceed, in the aggregate, \$50,000 of Common Stock or Common Stock Equivalents in any calendar quarter, (b) securities upon the exercise or exchange of or conversion of any Securities issued hereunder, and/or other securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities (other than in connection with stock splits or combinations) or to extend the term of such securities, (c) preferred investment options issued to the Placement Agent in connection with the transactions consummated pursuant to this Agreement and any securities upon exercise of preferred investment options to the Placement Agent, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the

Company, provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the prohibition period in this Section (h)(i), and provided that any such issuance shall only be to a Person (or to the equityholders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

(ii) From the date hereof until the one (1) year anniversary of the Closing Date, the Company shall be prohibited from effecting or entering into an agreement to effect any issuance by the Company nor any Subsidiary of Common Stock or Common Stock Equivalents (or a combination of units thereof) involving a Variable Rate Transaction. “Variable Rate Transaction” means a transaction in which the Company (i) issues or sells any debt or equity securities that are convertible into, exchangeable or exercisable for, or include the right to receive, additional shares of Common Stock either (A) at a conversion price, exercise price or exchange rate or other price that is based upon, and/or varies with, the trading prices of or quotations for the shares of Common Stock at any time after the initial issuance of such debt or equity securities or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Stock or (ii) enters into, or effects a transaction under, any agreement, including, but not limited to, an equity line of credit, whereby the Company may issue securities at a future determined price, regardless of whether shares pursuant to such agreement have actually been issued and regardless of whether such agreement is subsequently canceled; provided, however, that following the expiration of the prohibition period in Section (h)(i) above, the Company may enter into and effect sales pursuant to an at-the-market offering facility with the Placement Agent. The Holder shall be entitled to obtain injunctive relief against the Company to preclude any such issuance, which remedy shall be in addition to any right to collect damages.

(iii) Notwithstanding the foregoing, this Section (h) shall not apply in respect of an Exempt Issuance, including a registration statement for an Exempt Issuance, except that no Variable Rate Transaction shall be an Exempt Issuance other than an Exempt Issuance pursuant to part (d) of the definition of “Exempt Issuance”.

- i) Form D; Blue Sky Filings. If required, the Company agrees to timely file a Form D with respect to the New PIOs and New PIO Shares as required under Regulation D and to provide a copy thereof, promptly upon request of any Holder. The Company shall take such action as the Company shall reasonably determine is necessary in order to obtain an exemption for, or to qualify the New PIOs and New PIO Shares for, sale to the Holder at Closing under

applicable securities or “Blue Sky” laws of the states of the United States, and shall provide evidence of such actions promptly upon request of any Holder.



Arcadia Biosciences (RKDA) Announces Exercise of Preferred Investment Options for \$2.1 Million Gross Proceeds

DALLAS, Texas (January 12, 2026) – Arcadia Biosciences, Inc.[®] (Nasdaq: RKDA), a producer and marketer of innovative wellness products, today announced that it has entered into definitive agreements for the immediate exercise of certain outstanding preferred investment options to purchase up to an aggregate of 808,595 shares originally issued in December 2020, January 2021, August 2022 and March 2023, having an exercise price of \$9.00 per share, at a reduced exercise price of \$2.575 per share. The shares of common stock issuable upon exercise of the preferred investment options are registered pursuant to effective registration statements on Form S-1 (Registration Nos. 333-262407 and 333-267637) and Form S-3 (Registration Nos. 333-252659 and 333-271082). The gross proceeds to the company from the exercise of the preferred investment options are expected to be approximately \$2.1 million, prior to deducting placement agent fees and offering expenses.

H.C. Wainwright & Co. is acting as the exclusive placement agent for the offering.

In consideration for the immediate exercise of the preferred investment options for cash, Arcadia will issue new unregistered preferred investment options to purchase up to 1,617,190 shares of common stock. The new preferred investment options will have an exercise price of \$2.325 per share, will be exercisable immediately and will expire thirty months after the effective date of the Resale Registration Statement (as defined below).

The offering is expected to close on or about January 12, 2026, subject to satisfaction of customary closing conditions. Arcadia intends to use the net proceeds from the offering for working capital and general corporate purposes.

The new preferred investment options described above were offered in a private placement pursuant to an applicable exemption from the registration requirements of the Securities Act of 1933, as amended (the 1933 Act) and, along with the shares of common stock issuable upon their exercise, have not been registered under the 1933 Act, and may not be offered or sold in the United States absent registration with the Securities and Exchange Commission (SEC) or an applicable exemption from such registration requirements. The company has agreed to file a registration statement with the SEC covering the resale of the shares of common stock issuable upon exercise of the new preferred investment options (the Resale Registration Statement).

This press release shall not constitute an offer to sell or a solicitation of an offer to buy any of the securities described herein, nor shall there be any sale of these securities in any state or other

jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or other jurisdiction.

About Arcadia Biosciences, Inc.

Since 2002, Arcadia Biosciences (Nasdaq: RKDA) has been innovating high-value, healthy ingredients to meet consumer demands for healthier choices. With its roots in agricultural innovation, Arcadia cultivates next-generation wellness products. For more information, visit www.arcadiabio.com.

Safe Harbor Statement

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include those that express plans, anticipation, intent, contingencies, goals, targets, or future developments or otherwise are not statements of historical fact. These statements relate to future events or future results of operations, including, but not limited to statements concerning the following matters: the completion of the offering; the satisfaction of customary closing conditions related to the offering; and the anticipated use of proceeds from the offering. Forward-looking statements concerning anticipated future activities assume that the company has sufficient funding to continue its operations and planned activities, which may not be the case. Arcadia will require additional funding to continue to support its anticipated operations and planned activities. There are no assurances that required funding will be available at all or will be available in sufficient amounts. Forward-looking statements are only predictions and involve known and unknown risks, uncertainties, and other factors that may cause the company's actual results to be materially different from the results anticipated by such forward-looking statements. Undue reliance should not be placed on any forward-looking statements. Risks and uncertainties relating to the company's business and future prospects also include, but are not limited to, the risks set forth in filings that the company makes with the Securities and Exchange Commission (SEC) from time to time, including in Arcadia's Annual Report on Form 10-K for the year ended December 31, 2024, as amended, quarterly reports on Form 10-Q filed with the SEC, and other filings that the company makes with the SEC, all of which are available free of charge on the SEC's web site at www.sec.gov. Any forward-looking statements speak only as of the date as of which they are made, and except as required by law, Arcadia Biosciences, Inc. disclaims any obligation to update forward-looking statements or to reflect events or circumstances arising after the date of this press release.

Arcadia Biosciences Contact:

T.J. Schaefer
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