

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 2
TO
FORM S-1
on
FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

TRISALUS LIFE SCIENCES, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

3841
(Primary Standard Industrial
Classification Code Number)

85-3009869
(I.R.S. Employer
Identification No.)

6272 W. 91st Ave.
Westminster, Colorado 80031
(888) 321-5212
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Mary Szela
Chief Executive Officer
6272 W. 91st Ave.
Westminster, Colorado 80031
(888) 321-5212
(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copy to:

Matt Browne
Carlos Ramirez
Cooley LLP
10265 Science Center Dr
San Diego, California 92121
(858) 550-6000

Approximate date of commencement of proposed sale to the public:
From time to time on or after this registration statement is declared effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input checked="" type="checkbox"/>

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 7(a)(2)(B) of the Securities Act.

This post-effective amendment will become effective in accordance with the provisions of Section 8(c) of the Securities Act of 1933, as amended.

EXPLANATORY NOTE

This Post-Effective Amendment No. 2 (this “Post-Effective Amendment No. 2”) to the Registration Statement on Form S-1 on Form S-3 (File No.333-276070) (the “Registration Statement”), as originally declared effective by the U.S. Securities and Exchange Commission (the “SEC”) on December 26, 2023, is being filed to (i) convert the Registration Statement into a registration statement on Form S-3 and (ii) update certain other information in the Registration Statement.

The information included in this filing amends the Registration Statement and the prospectus contained therein. No additional securities are being registered under this Post-Effective Amendment No. 2. All applicable registration fees were paid at the time of the original filing of the Registration Statement on December 15, 2023.

The information in this prospectus is not complete and may be changed. Neither we nor the selling security holder may sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and neither we nor the selling security holder seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to Completion, Dated October 29, 2024

PROSPECTUS



5,859,375 Shares of Common Stock

This prospectus relates to the offer and sale, from time to time, by the selling securityholder identified in this prospectus (the “**Selling Securityholder**”), or its permitted transferees, of up to 5,859,375 shares of our common stock, \$0.0001 par value per share (“**Common Stock**”), which is the number of shares of Common Stock that we may, at our discretion, elect to issue and sell to YA II PN, Ltd. (“**Yorkville**”), pursuant to the Standby Equity Purchase Agreement, dated October 2, 2023, entered into by and TriSalus Life Sciences, Inc. (the “**Company**” or “**TriSalus**”) and Yorkville (the “**SEPA**”), from time to time after the date of this prospectus, upon the terms and subject to the conditions set forth in the SEPA. See the section of this prospectus titled “*Selling Securityholder*” for additional information regarding the Selling Securityholder.

Under the SEPA, the Company agreed to issue and sell to Yorkville, from time to time, and Yorkville agreed to purchase from the Company, up to \$30.0 million of shares of Common Stock. The Company shall not effect any sales under the SEPA and Yorkville shall not have any obligation to purchase shares of Common Stock under the SEPA to the extent that after giving effect to such purchase and sale the aggregate number of shares of Common Stock issued under the SEPA together with any shares of Common Stock issued in connection with any other related transactions that may be considered part of the same series of transactions, where the average price of such sales would be less than \$5.12 and the number of shares issued would exceed 19.9% of the outstanding voting common stock as of October 2, 2023 (the “**Exchange Cap**”). Thus, the Company may not have access to the right to sell the full \$30.0 million of shares of Common Stock to Yorkville.

In connection with the SEPA, we are registering herein 5,859,375 shares of Common Stock, which represents the maximum amount of shares issuable under the SEPA assuming without obtaining approval of stockholders in accordance with Nasdaq’s “minimum price rule,” and assuming beneficial ownership limitations under the SEPA. If the Company desires to issue more than 5,260,704 shares of Common Stock at an average price per share that does not equal or exceed \$5.12 (which represents the lower of (i) the Nasdaq Official Closing Price (as reflected on Nasdaq.com) immediately preceding the date of the SEPA; or (ii) the average Nasdaq Official Closing Price for the five trading days immediately preceding the date of the SEPA), it would be required to obtain stockholder approval under the Nasdaq listing rules.

The shares will be issued and sold to Yorkville under one of two pricing options, at the election of the Company. Under the first option (“**Pricing Option 1**”), the Company will sell the shares of Common Stock to Yorkville at 96% of the Market Price (as defined below) for any period commencing on the receipt of the advance notice by Yorkville and ending on 4:00 p.m. New York City time on the applicable advance notice date (the “**Option 1 Pricing Period**”). Under the second option (“**Pricing Option 2**”), the Company will sell the shares of Common Stock to Yorkville at 97% of the Market Price for any three consecutive trading days commencing on the advance notice date (the “**Option 2 Pricing Period**”). “**Market Price**” is defined as, for any Option 1 Pricing Period, the daily volume weighted average price (“**VWAP**”) of the Common Stock on Nasdaq during the Option 1 Pricing Period, and for any Option 2 Pricing Period, the lowest daily VWAP of the Common Stock on the Nasdaq during the Option 2 Pricing Period.

Assuming (i) a Market Price of \$5.12, (ii) no beneficial ownership limitations, and (iii) the receipt of stockholder approval to exceed the Exchange Cap, we may issue up to 6,103,515 shares of Common Stock under Pricing Option 1 and up to 6,040,592 shares of Common Stock under Pricing Option 2, which would reflect approximately 18.79% and 18.63%, respectively, of the outstanding shares of our Common Stock as of December 15, 2023 after giving effect to such issuances.

We may not have access to the full \$30.0 million amount available under the SEPA due to the reasons noted above. See the section of this prospectus titled “*Controlled Equity Financing*” for more information regarding the SEPA.

We are not selling any shares of our Common Stock under this prospectus, and we will not receive any of the proceeds from the sale of shares of our Common Stock by the Selling Securityholder. We will bear all costs, expenses and fees in connection with the registration of the Common Stock. The Selling Securityholder will bear all commissions and discounts, if any, attributable to their respective sales of Common Stock. We are registering these shares of our Common Stock for sale by the Selling Securityholder pursuant to various registration rights with the Selling Securityholder. See the section of this prospectus titled “*Selling Securityholder*” for more information.

The Selling Securityholder is an “underwriter” within the meaning of Section 2(a)(11) of the Securities Act of 1933, as amended (the “**Securities Act**”), and any profits on the sales of shares of our Common Stock by the Selling Securityholder and any discounts, commissions, or concessions received by the Selling Stockholder are deemed to be underwriting discounts and commissions under the Securities Act. The Selling Securityholder may offer and sell the securities covered by this prospectus from time to time. The Selling Securityholder may offer and sell the securities covered by this prospectus in a number of different ways and at varying prices. If any underwriters, dealers or agents are involved in the sale of any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in any applicable prospectus supplement. See the sections of this prospectus titled “*About this Prospectus*” and “*Plan of Distribution*” for more information. No securities may be sold without delivery of this prospectus and any applicable prospectus supplement describing the method and terms of the offering of such securities. You should carefully read this prospectus and any applicable prospectus supplement before you invest in our securities.

The Common Stock are listed on the Nasdaq Global Market under the ticker symbol “*TLSI*.” On October 21, 2024, the last reported sales price of our Common Stock was \$4.25 per share.

We are an “emerging growth company” as defined under U.S. federal securities laws and, as such, have elected to comply with reduced public company reporting requirements. This prospectus complies with the requirements that apply to an issuer that is an emerging growth company. We are incorporated in Delaware.

Investing in our securities involves a high degree of risk. You should review carefully the risks and uncertainties described in the section titled “Risk Factors” beginning on page 4 of this prospectus, and under similar headings in any amendments or supplements to this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

Prospectus dated _____, 2024

TABLE OF CONTENTS

ABOUT THIS PROSPECTUS	ii
SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS	iii
PROSPECTUS SUMMARY	1
THE OFFERING	2
RISK FACTORS	4
COMMITTED EQUITY FINANCING	6
USE OF PROCEEDS	9
SELLING SECURITYHOLDER	10
DESCRIPTION OF OUR SECURITIES	11
PLAN OF DISTRIBUTION	21
LEGAL MATTERS	25
EXPERTS	25
WHERE YOU CAN FIND MORE INFORMATION	26
INCORPORATION OF CERTAIN INFORMATION BY REFERENCE	27

For investors outside of the United States: Neither we, nor the Selling Securityholder, has done anything that would permit this offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the offering of our securities and the distribution of this prospectus outside the United States.

To the extent there is a conflict between the information contained in this prospectus, on the one hand, and the information contained in any document incorporated by reference filed with the U.S. Securities and Exchange Commission (the "SEC") before the date of this prospectus, on the other hand, you should rely on the information in this prospectus. If any statement in a document incorporated by reference is inconsistent with a statement in another document incorporated by reference having a later date, the statement in the document having the later date modifies or supersedes the earlier statement.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the SEC using the “shelf” registration process. Under this shelf registration process, the Selling Securityholder may, from time to time, sell the securities offered by it described in this prospectus. We will not receive any proceeds from the sale by such Selling Securityholder of the securities offered by it described in this prospectus.

However, we expect to receive proceeds from sales of shares of Common Stock that we may elect to make to the Selling Securityholder pursuant to the SEPA, if any, from time to time in our discretion. The net proceeds from sales, if any, under the SEPA, will depend on the frequency and prices at which we sell shares of Common Stock to the Selling Securityholder after the date of this prospectus. See “*Committed Equity Financing*” for a description of how the price we may sell shares of Common Stock to the Selling Securityholder is calculated pursuant to the SEPA.

Neither we nor the Selling Securityholder have authorized anyone to provide you with any information or to make any representations other than those contained in this prospectus or any applicable prospectus supplement or any free writing prospectuses prepared by or on behalf of us or to which we have referred you. Neither we nor the Selling Securityholder take responsibility for and can provide no assurance as to the reliability of, any other information that others may give you. Neither we nor the Selling Securityholder will make an offer to sell these securities in any jurisdiction where the offer or sale is not permitted.

We may also provide a prospectus supplement or post-effective amendment to the registration statement to add information to, or update or change information contained in, this prospectus. You should read both this prospectus and any applicable prospectus supplement or post-effective amendment to the registration statement together with the additional information to which we refer you in the section titled “*Where You Can Find More Information*” and “*Incorporation of Certain Information by Reference*” before deciding to invest in any of the securities being offered. The information contained in this prospectus and any supplement to this prospectus, or incorporated by reference herein, is accurate only as of the respective dates thereof, regardless of the time of delivery of this prospectus or of any sale of our securities. Our business, financial condition, results of operations and prospects may have changed since those dates.

On August 10, 2023, Legacy TriSalus, MTAC and Merger Sub consummated the transactions contemplated by the Merger Agreement (as such terms are defined below), following the approval by MTAC’s stockholders at an extraordinary general meeting held on August 2, 2023. Pursuant to the terms of the Merger Agreement, a Business Combination (as defined below) of Legacy TriSalus and MTAC was effected through, among other transactions, the merger of Merger Sub with and into Legacy TriSalus with the separate corporate existence of Merger Sub ceasing. In connection with the consummation of the Merger on August 10, 2023, MTAC changed its name from MedTech Acquisition Corporation to TriSalus Life Sciences, Inc. and Legacy TriSalus changed its name from TriSalus Life Sciences, Inc. to TriSalus Operating Life Sciences, Inc.

Unless the context indicates otherwise, references in this prospectus to the “Company,” “TriSalus,” “we,” “us,” “our” and similar terms refer to TriSalus Life Sciences, Inc. (f/k/a MedTech Acquisition Corporation) and its consolidated subsidiaries (including Legacy TriSalus). References to “MTAC” refer to the predecessor company prior to the consummation of the Business Combination.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein and any prospectus supplement delivered with this prospectus may contain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. These forward-looking statements include statements regarding our intentions, beliefs and current expectations and projections concerning, among other things, our results of operations, financial condition, liquidity, prospects, growth, strategies and the markets in which we operate. In some cases, you can identify these forward-looking statements by the use of terminology such as “outlook,” “believes,” “expects,” “potential,” “continues,” “may,” “will,” “should,” “could,” “seeks,” “approximately,” “predicts,” “intends,” “plans,” “estimates,” “anticipates” or the negative version of these words or other comparable words or phrases.

The forward-looking statements contained in this prospectus reflect our current views about future events and are subject to numerous known and unknown risks, uncertainties, assumptions and changes in circumstances that may cause its actual results to differ materially from those expressed in any forward-looking statement. There are no guarantees that the transactions and events described will happen as described (or that they will happen at all). As a result of a number of known and unknown risks and uncertainties, our actual results or performance may be materially different from those expressed or implied by these forward-looking statements. Some factors that could cause actual results to differ include:

- our ability to raise financing in the future;
- our ability to service our indebtedness and to access additional delayed draws that may in the future become available to us;
- changes in applicable laws or regulations;
- our ability to retain or recruit, or changes required in, our officers, key employees or directors;
- our ability to successfully commercialize any product candidates that we successfully develop and that are approved by applicable regulatory authorities;
- our expectations for the timing and results of data from clinical trials and regulatory approval applications;
- our estimates regarding expenses, future revenue, capital requirements and needs for additional financing;
- our business, operations and financial performance including:
 - our history of operating losses and expectations of significant expenses and continuing losses for the foreseeable future;
 - our ability to execute our business strategy, including the growth potential of the markets for our products and our ability to serve those markets;
 - our ability to grow market share in our existing markets or any new markets we may enter;
 - our ability to develop and maintain our brand and reputation;
- our ability to partner with other companies;
- the size of the addressable markets for our product candidates;
- our expectations regarding our ability to obtain and maintain intellectual property protection and not infringe on the rights of others;
- our ability to manage our growth effectively;
- our ability to maintain the listing of our securities in the Nasdaq Global Market, and the potential liquidity and trading of such securities;

- the outcome of any legal proceedings that may be instituted against us; and
- unfavorable conditions in our industry, the global economy or global supply chain, including financial and credit market fluctuations, international trade relations, pandemics, political turmoil, natural catastrophes, warfare and terrorist attacks.

In addition, statements that “TriSalus believes,” “the Company believes” or “we believe” and similar statements reflect our beliefs and opinions on the relevant subjects. These statements are based upon information available to us as of the date of this prospectus or the date of the applicable information incorporated by reference in this prospectus, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and such statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and investors are cautioned not to unduly rely upon these statements.

While forward-looking statements reflect our good faith beliefs, they are not guarantees of future performance. Except to the extent required by applicable law, we are under no obligation (and expressly disclaim any such obligation) to update or revise their forward-looking statements whether as a result of new information, future events, or otherwise. For a further discussion of these and other factors that could cause our future results, performance or transactions to differ significantly from those expressed in any forward-looking statement, please see the section titled “*Risk Factors*.” You should not place undue reliance on any forward-looking statements, which are based only on information currently available to us (or to third parties making the forward-looking statements).

You should read this prospectus and any accompanying prospectus supplement and the documents incorporated by reference herein or therein completely and with the understanding that our actual future results, levels of activity and performance as well as other events and circumstances may be materially different from what we expect. We qualify all of our forward-looking statements by these cautionary statements.

FREQUENTLY USED TERMS

“**Business Combination**” means the transactions contemplated by the Merger Agreement, including, among other things, the Merger.

“**Bylaws**” mean our amended and restated bylaws.

“**Certificate of Incorporation**” means the Second Amended and Restated Certificate of Incorporation.

“**Closing**” means the closing of the Business Combination.

“**Closing Date**” means August 10, 2023, the date on which the Closing occurred.

“**Credit Agreement**” means the Credit Agreement, dated April 30, 2024, by and between us and OrbiMed.

“**Delayed Draw Commitment Amounts**” means up to \$25,000,000 in senior secured term debt, of which (i) up to \$10,000,000 will be made available to us on or prior to June 30, 2025 and (ii) up to \$15,000,000 will be made available to us on or prior to December 31, 2025, in each case, subject to the satisfaction of certain revenue requirements.

“**DGCL**” means the General Corporation Law of the State of Delaware.

“**Initial Commitment Amount**” means the \$25,000,000 made available to us on the OrbiMed Closing Date in connection with the Credit Agreement.

“**Initial OrbiMed Warrant**” means the 130,805 warrants issued to OrbiMed in connection with the initial draw down of a loan under the Credit Agreement dated April 30, 2024, between the Company and OrbiMed, all of which remain outstanding as of October 21, 2024.

“**Legacy TriSalus**” means TriSalus Operating Life Sciences, Inc., a Delaware corporation which, pursuant to the Business Combination, became a direct, wholly owned subsidiary of TriSalus Life Sciences, Inc., and, unless the context otherwise requires, its consolidated subsidiaries.

“**Merger**” means the merger of Merger Sub, a direct, wholly owned subsidiary of MTAC, with and into Legacy TriSalus, with Legacy TriSalus continuing as the surviving entity.

“**Merger Agreement**” means that certain Agreement and Plan of Merger, dated as of November 11, 2022, as amended by that certain First Amendment to Agreement and Plan of Merger, dated as of April 4, 2023, the Second Amendment to Agreement and Plan of Merger, dated as of May 13, 2023, and the Third Amendment to Agreement and Plan of Merger, dated as of July 5, 2023, with Merger Sub and Legacy TriSalus.

“**Merger Sub**” means MTAC Merger Sub, Inc., a Delaware corporation and wholly-owned subsidiary of MTAC.

“**MTAC**” means MedTech Acquisition Corporation (which was renamed “TriSalus Life Sciences, Inc” in connection with the consummation of the Business Combination).

“**MTAC IPO**” means MTAC’s initial public offering, consummated on December 22, 2020.

“**MTAC Units**” means equity securities of us, each consisting of one share of Class A Common Stock and one-third of one Public Warrant.

“**OrbiMed**” means OrbiMed Royalty & Credit Opportunities IV, LP and certain of its affiliates.

“**OrbiMed Closing Date**” means April 30, 2024.

“**OrbiMed Warrants**” means the Initial OrbiMed Warrant and Subsequent OrbiMed Warrants.

“**Private Placement Warrants**” means the 4,933,333 warrants purchased by the Sponsor in connection with the MTAC IPO in a private placement transaction occurring simultaneously with the closing of the MTAC IPO, of which 4,428,648 remained outstanding as of October 21, 2024.

“**Public Warrants**” means the 8,281,779 outstanding warrants included as a component of the MTAC Units sold in the MTAC IPO, each of which is exercisable, at an exercise price of \$11.50, for one share of Common Stock, in accordance with its terms, of which 1,751,825 remained outstanding as of October 21, 2024.

“**SEPA**” means that certain standby equity purchase agreement, by and between the Company and YA II PN, Ltd. (“**Yorkville**”), dated as of October 2, 2023.

“**SPAC Warrants**” means the Working Capital Warrants, the Private Placement Warrants and the Public Warrants.

“**Sponsor**” means MedTech Acquisition Sponsor LLC, a Delaware limited liability company, which liquidated and distributed its holdings to its ultimate beneficiaries prior to the Closing.

“**Subsequent OrbiMed Warrants**” means the additional warrants we agreed to issue to OrbiMed to purchase a number of shares of our Common Stock determined by dividing 5% of the applicable Delayed Draw Commitment Amount by the 10-day volume weighted average sale price of our Common Stock as of the issue date.

“**Warrants**” means the SPAC Warrants and the OrbiMed Warrants.

“**Working Capital Warrants**” means the 1,000,000 warrants issued upon the conversion of the promissory note issued by MTAC to the Sponsor for working capital requirements and payment of certain expenses in connection with the Business Combination, all of which remained outstanding as of October 21, 2024.

PROSPECTUS SUMMARY

This summary highlights information contained elsewhere in this prospectus and does not contain all of the information that you should consider in making your investment decision. Before investing in our securities, you should carefully read this entire prospectus, including our consolidated financial statements and the related notes thereto and the information set forth in the section titled "Risk Factors" or incorporated by reference therein or otherwise incorporated by reference or included elsewhere in this prospectus, before deciding to invest in our shares of common stock. For purposes of this section, unless otherwise indicated or the context otherwise requires, all references to "TriSalus," "the Company," "we," "our," "ours," "us" or similar terms refer to TriSalus Life Sciences, Inc. and its consolidated subsidiaries after the Closing.

Overview

We are a growing, oncology focused medical technology business bringing disruptive drug delivery technology with the goal of improving therapeutic delivery to liver and pancreatic tumors. Additionally, we are exploring the integration of our technology with our investigational immunotherapeutic, nelitolimod, a class C Toll-like receptor 9 agonist, for a range of liver and pancreatic indications. Our ultimate goal is to transform the treatment paradigm for patients battling liver and pancreatic tumors. We have developed an innovative organ-specific platform that is designed to overcome two of the most significant challenges that prevent optimal delivery and performance of therapeutics in these difficult-to-treat diseases: (i) high intratumoral pressure caused by tumor growth and collapsed vasculature restricting the delivery of oncology therapeutics and (ii) the immunosuppressive properties of liver and pancreatic tumor immune cells. By systematically addressing these barriers, we aim to improve response to therapies and to enable improved patient outcomes.

Implications of Being an Emerging Growth Company and a Smaller Reporting Company

We are an emerging growth company, as defined in the Jumpstart Our Business Startups Act of 2012, as amended, and therefore we intend to take advantage of certain exemptions from various public company reporting requirements, including not being required to have our internal control over financial reporting audited by our independent registered public accounting firm pursuant to Section 404(b) of the Sarbanes-Oxley Act of 2002, reduced disclosure obligations regarding executive compensation in this prospectus, our periodic reports and our proxy statements and exemptions from the requirements of holding a nonbinding advisory vote on executive compensation and any golden parachute payments not previously approved. We will remain an emerging growth company until the earliest of (i) the last day of the fiscal year in which the market value of our Common Stock that is held by non-affiliates equals or exceeds \$700 million as of the end of that year's second fiscal quarter, (ii) the last day of the fiscal year in which we have total annual gross revenue of \$1.235 billion or more during such fiscal year (as indexed for inflation), (iii) the date on which we have issued more than \$1.0 billion in non-convertible debt in the prior three-year period or (iv) December 31, 2025.

We are also a smaller reporting company as defined in the Securities Exchange Act of 1934, as amended (the "Exchange Act"). We may continue to be a smaller reporting company even after we are no longer an emerging growth company. We may take advantage of certain of the scaled disclosures available to smaller reporting companies and will be able to take advantage of these scaled disclosures for so long as (i) the market value of our common stock held by non-affiliates exceeds \$250 million as of the end of that year's second fiscal quarter, or (ii) our annual revenues exceeded \$100 million during such completed fiscal year and the market value of common stock held by non-affiliates equals or exceeds \$700 million as of the end of that year's second fiscal quarter.

Corporate Information

Our principal executive offices are located at 6272 W. 91st Ave., Westminster, Colorado 80031 and our telephone number is (888) 321-5212. Our corporate website address is www.trisalushifesci.com. Information contained on or accessible through our website is not a part of this prospectus, and the inclusion of our website address in this prospectus is an inactive textual reference only.

We and our subsidiaries own or have rights to trademarks, trade names and service marks that they use in connection with the operation of their business. Other trademarks, trade names and service marks appearing in this prospectus are the property of their respective owners. Solely for convenience, in some cases, the trademarks, trade names and service marks referred to in this prospectus are listed without the applicable ®, ™ and SM symbols.

THE OFFERING

Shares of Common Stock offered by the Selling Securityholder	Up to 5,859,375 shares of Common Stock, consisting of (i) 1,874,867 shares of Common Stock issued and sold to Selling Securityholder under the SEPA prior to the date of this prospectus, and (ii) up to 3,984,508 shares of Common Stock we may, at our discretion, elect to issue and sell to the Selling Securityholder from time to time under the SEPA.
Shares of Common Stock outstanding	30,491,072 shares (based on total shares outstanding as of October 21, 2024), which includes 1,874,867 shares of Common Stock previously issued and sold to Selling Securityholder under the SEPA.
Shares of Common Stock outstanding after giving effect to the issuance of the shares registered for resale hereunder	36,350,447 shares (based on total shares outstanding as of October 21, 2024).
Use of proceeds	<p>We will not receive any proceeds from the resale of shares of Common Stock included in this prospectus by the Selling Securityholder. However, we expect to receive proceeds from sales of Common Stock that we may elect to make to the Selling Securityholder pursuant to the SEPA, if any, from time to time in our discretion. The net proceeds from sales, if any, under the SEPA, will depend on the frequency and prices at which we sell shares of Common Stock to the Selling Securityholder after the date of this prospectus. See the section of this prospectus titled “<i>Committed Equity Financing</i>” for a description of how the price we may sell shares of Common Stock to the Selling Securityholder is calculated pursuant to the SEPA.</p> <p>We expect to use the net proceeds that we receive from sales of our Common Stock to the Selling Securityholder, if any, under the SEPA for working capital and general corporate purposes. See the section of this prospectus titled “<i>Use of Proceeds</i>” for further details.</p>
Risk factors	Before investing in our securities, you should carefully read and consider the information set forth in the section titled “ <i>Risk Factors</i> ” beginning on page 4 of this prospectus and other information included or incorporated by reference in this prospectus.
Nasdaq ticker symbols	“TLSI” and “TLSIW”

The number of shares of Common Stock outstanding is based on 30,491,072 shares of Common Stock outstanding as of October 21, 2024 and excludes:

- 1,751,825 shares of Common Stock issuable upon the exercise of the Public Warrants;
- 4,428,648 shares of Common Stock issuable upon the exercise of the Private Placement Warrants;
- 1,000,000 shares of Common Stock issuable upon the exercise of the Working Capital Warrants;

- 130,805 shares of Common Stock issuable upon the exercise of the Initial OrbiMed Warrants;
- 25,207,155 shares of Common Stock issuable upon conversion of Series A Convertible Preferred Stock, assuming conversion of all outstanding Series A Convertible Preferred Stock at its floor price;
- 7,969,524 shares of Common Stock available for future issuance under the Company's 2023 Equity Incentive Plan;
- 2,308,867 shares of Common Stock available for future issuance under the Company's 2023 Employee Stock Purchase Plan; and
- 3,385,837 shares of Common Stock to which this prospectus relates that we may elect, in our sole discretion, to issue and sell to Yorkville from time to time under the SEPA, which excludes the 1,874,867 shares of Common Stock previously issued and sold to Yorkville under the SEPA.

For additional information concerning the offering, see the section titled "*Plan of Distribution*" beginning on page 21 of this prospectus.

RISK FACTORS

Investing in our securities involves a high degree of risk. Before you make a decision to buy our securities, you should carefully review the risks and uncertainties described under the heading “Risk Factors” contained in our most recent Annual Report on Form 10-K, as updated by our subsequent Quarterly Reports on Form 10-Q and other filings we make with the Securities and Exchange Commission, or the SEC, which are incorporated by reference into this prospectus in their entirety together with other information in this prospectus and the documents incorporated by reference. The risks described in these documents are not the only ones we face, but those that we consider to be material. There may be other unknown or unpredictable economic, business, competitive, regulatory or other factors that could have material adverse effects on our future results. Past financial performance may not be a reliable indicator of future performance, and historical trends should not be used to anticipate results or trends in future periods. If any of these risks actually occur, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our Common Stock to decline, resulting in a loss of all or part of your investment. Additional risks not presently known to us or that we currently believe are immaterial may also significantly impair our business operations. Please also read carefully the section below titled “Special Note Regarding Forward-Looking Statements.”

RISKS RELATED TO THIS OFFERING

It is not possible to predict the actual number of shares we will sell under the SEPA to the Selling Securityholder, or the actual gross proceeds resulting from those sales. Further, we may not have access to the full amount available under the SEPA with the Selling Securityholder.

On October 2, 2023, we entered into the SEPA with the Selling Securityholder, pursuant to which the Selling Securityholder has committed to purchase up to \$30.0 million of shares of our Common Stock, subject to certain limitations and conditions set forth in the SEPA. The shares of our Common Stock that may be issued under the SEPA may be sold by us to the Selling Securityholder at our discretion from time to time. We generally have the right to control the timing and amount of any sales of our shares of Common Stock to the Selling Securityholder under the SEPA. Sales of our Common Stock, if any, to the Selling Securityholder under the SEPA will depend upon market conditions and other factors to be determined by us. We may ultimately decide to sell to the Selling Securityholder all, some or none of the remaining shares of our Common Stock that may be available for us to sell to the Selling Securityholder pursuant to the SEPA.

Because the purchase price per share to be paid by the Selling Securityholder for the shares of Common Stock that we may elect to sell to the Selling Securityholder under the SEPA, if any, will fluctuate based on the market prices of our Common Stock prior to each advance made pursuant to the SEPA, if any, it is not possible for us to predict, as of the date of this prospectus and prior to any such sales, the number of shares of Common Stock that we will sell to the Selling Securityholder under the SEPA, the purchase price per share that the Selling Securityholder will pay for shares purchased from us under the SEPA, or the aggregate gross proceeds that we will receive from those purchases by the Selling Securityholder under the SEPA, if any.

We are not required or permitted to issue any shares of Common Stock under the SEPA if such issuance would breach our obligations under the rules or regulations of Nasdaq. In addition, the Selling Securityholder will not be required to purchase any shares of our Common Stock if such sale would result in the Selling Securityholder’s beneficial ownership exceeding 4.99% of the then issued and outstanding Common Stock. Our inability to access a part or all of the amount available under the SEPA, in the absence of any other financing sources, could have a material adverse effect on our business.

The sale and issuance of our Common Stock to the Selling Securityholder will cause dilution to our existing stockholders, and the sale of the shares of Common Stock acquired by the Selling Securityholder, or the perception that such sales may occur, could cause the price of our Common Stock to fall. As of the date of this prospectus, we have issued and sold 1,874,867 shares of Common Stock to the Selling Securityholder under the SEPA for gross proceeds of approximately \$12.39 million. The purchase price for the shares that we have sold and may sell in the future to the Selling Securityholder under the SEPA will fluctuate based on the price of our Common Stock. Depending on a number of factors, including market liquidity, sales of such shares may cause the trading price of our Common Stock to fall.

If and when we do sell shares to the Selling Securityholder, the Selling Securityholder may resell all, some, or none of those shares at its discretion, subject to the terms of the SEPA. Therefore, sales to the Selling Securityholder by us could result in substantial dilution to the interests of other holders of our Common Stock. Additionally, the sale of a substantial number of shares of our Common Stock to the Selling Securityholder, or the anticipation of such sales, could make it more difficult for us to sell equity or equity-related securities in the future at a desirable time and price.

Investors who buy shares of Common Stock at different times will likely pay different prices.

Pursuant to the SEPA, we control the timing and amount of any sales of Common Stock to the Selling Securityholder. If and when we do elect to sell shares of our Common Stock to the Selling Securityholder pursuant to the SEPA, the Selling Securityholder may resell all, some or none of such shares in its discretion and at different prices, subject to the terms of the SEPA. As a result, investors who purchase shares from the Selling Securityholder in this offering at different times will likely pay different prices for those shares, and so may experience different levels of dilution and in some cases substantial dilution and different outcomes in their investment results. Investors may experience a decline in the value of the shares they purchase from the Selling Securityholder in this offering as a result of future sales made by us to the Selling Securityholder at prices lower than the prices such investors paid for their shares in this offering. In addition, if we sell a substantial number of shares to the Selling Securityholder under the SEPA, or if investors expect that we will do so, the actual sales of shares or the mere existence of our arrangement with the Selling Securityholder may make it more difficult for us to sell equity or equity-related securities in the future at a desirable time and price.

Our management team will have broad discretion over the use of the net proceeds from our sale of shares of Common Stock to the Selling Securityholder, if any, and you may not agree with how we use the proceeds and the proceeds may not be invested successfully.

Our management team will have broad discretion as to the use of the net proceeds from our sale of shares of Common Stock to the Selling Securityholder, and we could use such proceeds for purposes other than those contemplated at the time of commencement of this offering. Accordingly, you will be relying on the judgment of our management team with regard to the use of those net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. It is possible that, pending their use, we may invest those net proceeds in a way that does not yield a favorable, or any, return for us. The failure of our management team to use such funds effectively could have a material adverse effect on our business, financial condition, operating results and cash flows.

COMMITTED EQUITY FINANCING

On October 2, 2023, we entered into the SEPA with Yorkville. Pursuant to the SEPA, we have the right to sell to Yorkville, from time to time, up to \$30.0 million of shares of our Common Stock, subject to certain limitations and conditions set forth therein. Sales of Common Stock to Yorkville under the SEPA, and the timing of any such sales, are at our option, and we are under no obligation to sell any securities to Yorkville under the SEPA.

Upon the satisfaction of the conditions to Yorkville's purchase obligation set forth in the SEPA, including the registration of shares of Common Stock issuable pursuant to the SEPA, we will have the right, but not the obligation, from time to time at our discretion until the first day of the month next following the 24-month anniversary of the date of the SEPA, to require Yorkville to purchase a specified amount of shares of Common Stock by delivering written notice to Yorkville. We will, in our sole discretion, select the amount of the advance that we desire to issue and sell to Yorkville in each Advance Notice (as defined in the SEPA), subject to a maximum limit equal to the greater of: (i) an amount equal to 100% of the average of the daily volume traded of the Company's Common Stock on Nasdaq for the 10 trading days immediately preceding an Advance Notice, or (ii) 1,000,000 shares of Common Stock. The shares will be issued and sold to Yorkville at a per share price equal to, at the election of the Company as specified in the relevant Advance Notice: (i) 96% of the Market Price (as defined below) for any period commencing on the receipt of the Advance Notice by Yorkville and ending on 4:00 p.m. New York City time on the applicable Advance notice date (the "**Option 1 Pricing Period**"), and (ii) 97% of the Market Price for any three consecutive trading days commencing on the Advance notice date (the "**Option 2 Pricing Period**," and each of the Option 1 Pricing Period and the Option 2 Pricing Period, a "**Pricing Period**"). "**Market Price**" is defined as, for any Option 1 Pricing Period, the daily volume weighted average price ("**VWAP**") of the Common Stock on Nasdaq during the Option 1 Pricing Period, and for any Option 2 Pricing Period, the lowest VWAP of the Common Stock on the Nasdaq during the Option 2 Pricing Period. If, with respect to an Option 1 Pricing Period, the total number of shares of Common Stock traded on Nasdaq during the applicable Pricing Period is less than the Volume Threshold (as defined below), then the number of shares of Common Stock issued and sold pursuant to such Advance notice will be reduced to the greater of (a) 30% of the trading volume of the Common Stock on Nasdaq during the relevant Pricing Period as reported by Bloomberg L.P., (b) the number of shares of Common Stock sold by Yorkville during such Pricing Period or (c) 100,000 shares of Common Stock, but in each case not to exceed the amount requested in the Advance notice. "Volume Threshold" is defined as a number of shares of Common Stock equal to the quotient of (a) the number of shares in the Advance notice requested by the Company divided by (b) 0.30.

Under applicable Nasdaq rules and pursuant to the SEPA, in no event may we issue or sell to the Selling Securityholder shares of our Common Stock in excess of 5,260,704 shares, which is 19.9% of the shares of Common Stock outstanding immediately prior to the execution of the SEPA, unless (i) we obtain stockholder approval to issue shares of Common Stock in excess of the Exchange Cap or (ii) the average price of all applicable sales of Common Stock hereunder equals or exceeds \$5.12 (reference price under Nasdaq Rules) per share (which represents the lower of (i) the Nasdaq Official Closing Price (as reflected on Nasdaq.com) immediately preceding the signing of the Purchase Agreement; or (ii) the average Nasdaq Official Closing Price of the Common Stock (as reflected on Nasdaq.com) for the five trading days immediately preceding the signing of the EPA). In any event, we may not issue or sell any shares of our Common Stock under the SEPA if such issuance or sale would breach any applicable Nasdaq listing rules.

We will control the timing and amount of any sales of Common Stock to Yorkville. Actual sales of shares of our Common Stock to Yorkville under the SEPA will depend on a variety of factors to be determined by us from time to time, which may include, among other things, market conditions, the trading price of our Common Stock and determinations by us as to the appropriate sources of funding for our business and its operations.

We may not issue or sell any shares of Common Stock to Yorkville under the SEPA which, when aggregated with all other shares of Common Stock then beneficially owned by Yorkville and its affiliates (as calculated pursuant to Section 13(d) of the Exchange Act and Rule 13d-3 promulgated thereunder), would result in Yorkville and its affiliates beneficially owning more than 4.99% of the outstanding shares of Common Stock (the "**Beneficial Ownership Limitation**"). However, the Beneficial Ownership Limitation does not prevent Yorkville from selling some or all of the shares of Common Stock it acquires and then acquiring additional shares, consequently resulting in Yorkville being able to sell in excess of the 4.99% Beneficial Ownership Limitation despite not holding more than 4.99% of TriSalus's outstanding shares of Common Stock at any given time. The Beneficial Ownership Limitation was set as agreed to by the parties to the SEPA.

The net proceeds to us under the SEPA will depend on the frequency and prices at which we sell shares of Common Stock to Yorkville. Upon the effectiveness of the registration statement of which this prospectus forms a part, we expect that any proceeds received by us from such sales to Yorkville will be used for working capital and general corporate purposes.

The Yorkville Investor has agreed that, except as otherwise expressly provided in the SEPA, it and its affiliates will not engage in any short sales of the Common Stock during the term of the SEPA.

The SEPA will automatically terminate on the earliest to occur of (i) the first day of the month next following the 24-month anniversary of the date of the SEPA or (ii) the date on which Yorkville shall have purchased from us under the SEPA \$30.0 million of shares of our Common Stock. We have the right to terminate the SEPA upon five (5) trading days' prior written notice to Yorkville, provided that there are no outstanding Advance Notices under which we are yet to issue Common Stock and provided that we have paid all amounts owed to Yorkville pursuant to the SEPA. We and Yorkville may also agree to terminate the SEPA by mutual written consent. Neither we nor Yorkville may assign or transfer our respective rights and obligations under the SEPA, and no provision of the SEPA may be modified or waived by us or Yorkville other than by an instrument in writing signed by both parties.

As consideration for Yorkville's commitment to purchase shares of Common Stock at our direction upon the terms and subject to the conditions set forth in the SEPA, upon execution of the SEPA, we paid a structuring fee and a commitment fee in an aggregate amount of \$325,000.

The SEPA contains customary representations, warranties, conditions and indemnification obligations of the parties. The representations, warranties and covenants contained in the SEPA were made only for purposes of such agreement and as of specific dates, were solely for the benefit of the parties to such agreement and may be subject to limitations agreed upon by the contracting parties.

The description of the SEPA does not purport to be complete and is qualified in its entirety by reference to the full text of the SEPA, a copy of which is filed as an exhibit to this registration statement of which this prospectus forms a part and is incorporated herein by reference.

Because the purchase price per share to be paid by the Selling Securityholder for the shares of Common Stock that we may elect to sell to the Selling Securityholder under the SEPA, if any, will fluctuate based on the market prices of our Common Stock during the applicable pricing period, as of the date of this prospectus we cannot reliably predict the number of shares of Common Stock that we will sell to the Selling Securityholder under the SEPA, the actual purchase price per share to be paid by the Selling Securityholder for those shares, or the actual gross proceeds to be raised by us from those sales, if any. As of October 21, 2024, there were 30,491,072 shares of Common Stock outstanding, of which 18,345,175 shares were held by non-affiliates. If all of the 5,859,375 shares offered for resale by the Selling Securityholder under the registration statement of which this prospectus forms a part were issued and outstanding as of October 21, 2024, such shares would represent approximately 16.1% of the total number of shares of our Common Stock outstanding and approximately 24.2% of the total number of outstanding shares of Common Stock held by non-affiliates.

Although the SEPA provides that we may, in our discretion, from time to time after the date of this prospectus and during the term of the SEPA, direct the Selling Securityholder to purchase shares of our Common Stock from us in one or more Advances under the SEPA, for a maximum aggregate purchase price of up to \$30.0 million, only 5,859,375 Purchase Shares are being registered for resale under the registration statement of which this prospectus forms a part. While the market price of our Common Stock may fluctuate from time to time after the date of this prospectus and, as a result, the actual purchase price to be paid by the Selling Securityholder under the SEPA for shares of our Common Stock, if any, may also fluctuate, in order for us to receive the full amount of the Selling Securityholder's commitment under the SEPA, it is possible that we may need to issue and sell more than the number of shares being registered for resale under the registration statement of which this prospectus forms a part.

If it becomes necessary for us to issue and sell to the Selling Securityholder more shares than are being registered for resale under this prospectus in order to receive aggregate gross proceeds equal to \$30.0 million under the SEPA, we must first (i) to the extent necessary, obtain stockholder approval prior to issuing shares of the Common Stock in excess of the Exchange Cap in accordance with applicable Nasdaq rules, and (ii) file with the SEC one or more additional registration statements to register under the Securities Act the resale by the Selling Securityholder of any such additional shares of our Common Stock, which the SEC must declare effective, in each case, before we may elect to sell any additional shares of our Common Stock to the Selling Securityholder under the SEPA. The number of shares of our Common Stock ultimately offered for resale by the Selling Securityholder depends upon the number of shares of Common Stock, if any, we ultimately sell to the Selling Securityholder under the SEPA.

The issuance, if any, of shares of our Common Stock to the Selling Securityholder pursuant to the SEPA would not affect the rights or privileges of our existing stockholders, except that the economic and voting interests of each of our existing stockholders would be diluted. Although the number of shares of our Common Stock that our existing stockholders own would not decrease as a result of sales, if any, under the SEPA, the shares of our Common Stock owned by our existing stockholders would represent a smaller percentage of our total outstanding shares of our Common Stock after any such issuance.

The following table sets forth the amount of gross proceeds, before deducting any discount to the Selling Securityholder or expenses payable by us, we would receive from the Selling Securityholder from our sale of up to \$30.0 million in shares of Common Stock to the Selling Securityholder under the SEPA at varying purchase prices:

Assumed Average Purchase Price Per Share	Number of Shares to be Issued if Full Purchase Price⁽¹⁾	Percentage of Outstanding Shares of Class After Giving Effect to the Issuance to the Selling Securityholder⁽²⁾	Gross Proceeds from the Sale of Shares to the Selling Stockholder Under the SEPA
\$ 4.25 ⁽³⁾	5,859,375	16.1%	\$ 24,902,343.80
\$ 5.12 ⁽⁴⁾	5,859,375	16.1%	\$ 30,000,000.00
\$ 9.00	3,333,333	9.9%	\$ 29,999,997.00
\$ 9.50	3,157,894	9.4%	\$ 29,999,993.00
\$ 10.00	3,000,000	9.0%	\$ 30,000,000.00
\$ 10.50	2,857,142	8.6%	\$ 29,999,991.00
\$ 11.00	2,727,272	8.2%	\$ 29,999,992.00

- (1) The number of shares of Common Stock offered by this prospectus may not cover all the shares we ultimately sell to the Selling Securityholder under the SEPA, depending on the purchase price per share. The assumed average purchase prices are solely for illustration and are not intended to be estimates or predictions of future stock performance.
- (2) The denominator is based on 30,491,072 shares of Common Stock outstanding as of October 21, 2024, adjusted to include the issuance of the number of shares set forth in the second column that we would have sold to the Selling Securityholder, assuming the average purchase price in the first column. The numerator is based on the number of shares of Common Stock set forth in the second column.
- (3) Represents the closing price of the Common Stock on Nasdaq on October 21, 2024.
- (4) Represents the closing price of the Common Stock on Nasdaq on October 2, 2023, which is the date that we entered into the SEPA.

USE OF PROCEEDS

All of the shares of our Common Stock offered by the Selling Securityholder pursuant to this prospectus will be sold by the Selling Securityholder for its own respective account. We will not receive any of the direct proceeds from these sales. However, we expect to receive proceeds under the SEPA from sales of Common Stock that we may elect to make to the Selling Securityholder pursuant to the SEPA, if any, from time to time in our discretion. See the section of this prospectus titled "*Plan of Distribution*" elsewhere in this prospectus for more information.

We expect to use any proceeds that we receive under the SEPA for working capital and general corporate purposes. As of the date of this prospectus, we cannot specify with certainty all of the particular uses, and the respective amounts we may allocate to those uses, for any net proceeds we receive. Accordingly, we will retain broad discretion over the use of these proceeds.

SELLING SECURITYHOLDER

This prospectus relates to the offer and sale by Yorkville of up to 5,859,375 shares of Common Stock that have been and may be issued by us to Yorkville under the SEPA. For additional information regarding the shares of Common Stock included in this prospectus, see the section titled “*Committed Equity Financing*” above. We are registering the shares of Common Stock included in this prospectus pursuant to the provisions of the SEPA we entered into with Yorkville on October 2, 2023 in order to permit the Selling Securityholder to offer the shares included in this prospectus for resale from time to time. Except for the transactions contemplated by the SEPA, and as set forth in the section titled “*Plan of Distribution*” in this prospectus, Yorkville has not had any material relationship with us within the past three years.

The table below presents information regarding the Selling Securityholder and the shares of Common Stock that may be resold by the Selling Securityholder from time to time under this prospectus. This table is prepared based on information supplied to us by the Selling Securityholder, and reflects holdings as of December 8, 2023. The number of shares in the column “Maximum Number of Shares of Common Stock to be Offered” represents all of the shares of Common Stock being offered for resale by the Selling Securityholder under this prospectus. The Selling Securityholder may sell some, all or none of the shares being offered for resale in this offering. We do not know how long the Selling Securityholder will hold the shares before selling them, and we are not aware of any existing arrangements between the Selling Securityholder and any other stockholder, broker, dealer, underwriter or agent relating to the sale or distribution of the shares of our Common Stock being offered for resale by this prospectus.

Beneficial ownership is determined in accordance with Rule 13d-3(d) promulgated by the SEC under the Exchange Act, and includes shares of Common Stock with respect to which the Selling Securityholder has sole or shared voting and investment power. The percentage of shares of Common Stock beneficially owned by the Selling Securityholder prior to the offering shown in the table below is based on an aggregate of 30,491,072 shares of our Common Stock outstanding on October 21, 2024. Because the purchase price to be paid by the Selling Securityholder for shares of Common Stock, if any, that we may elect to sell to the Selling Securityholder in one or more Advances from time to time under the SEPA will be determined on the applicable Advance Dates for such Advances, the actual number of shares of Common Stock that we may sell to the Selling Securityholder under the SEPA may be fewer than the number of shares being offered for resale under this prospectus. The fourth column assumes the resale by the Selling Securityholder of all of the shares of Common Stock being offered for resale pursuant to this prospectus.

We have determined beneficial ownership in accordance with the rules of the SEC. Except as indicated by the footnotes below, we believe, based on the information furnished to us, that the Selling Securityholder has sole voting and investment power with respect to all shares of Common Stock that they beneficially own, subject to applicable community property laws. Except as otherwise described below, based on the information provided to us by the Selling Securityholder, the Selling Securityholder is not a broker-dealer or an affiliate of a broker-dealer.

Name of Selling Securityholder	Number of Shares of Common Stock Beneficially Owned		Maximum Number of Shares of Common Stock Being Offered ⁽²⁾	Shares of Common Stock Beneficially Owned After the Offered Shares of Common Stock are Sold	
	Number ⁽¹⁾	Percent		Number	Percent
YA II PN, LTD. ⁽³⁾	—	*	5,859,375	—	—

* Less than one percent.

(1) In accordance with Rule 13d-3(d) under the Exchange Act, we have excluded from the number of shares beneficially owned prior to the offering all of the shares that Yorkville may be required to purchase under the SEPA, because the issuance of such shares is at our discretion and is subject to conditions contained in the SEPA, the satisfaction of which are entirely outside of Yorkville’s control, including the registration statement that includes this prospectus becoming and remaining effective. Furthermore, the Advances of Common Stock under the SEPA are subject to certain agreed upon maximum amount limitations set forth in the SEPA. Also, the SEPA prohibits us from issuing and selling any shares of our Common Stock to Yorkville to the extent such shares, when aggregated with all other shares of our Common Stock then beneficially owned by Yorkville, would cause Yorkville’s beneficial ownership of our Common Stock to exceed the 4.99% Beneficial Ownership Limitation.

(2) Assumes the sale of all shares being offered pursuant to this prospectus, including 1,874,867 shares of Common Stock previously issued and sold to Yorkville under the SEPA.

(3) Yorkville is a fund managed by Yorkville Advisors Global, LP (“**Yorkville LP**”). Yorkville Advisors Global II, LLC (“**Yorkville LLC**”) is the General Partner of Yorkville LP. All investment decisions for YA II PN, LTD are made by Yorkville LLC’s President and Managing Member, Mr. Mark Angelo. The business address of YA is 1012 Springfield Avenue, Mountainside, NJ 07092.

DESCRIPTION OF OUR SECURITIES

The following summary of the material terms of our securities is not intended to be a complete summary of the rights and preferences of such securities, and is qualified by reference to our Certificate of Incorporation, our Bylaws and the Warrants described herein, which are exhibits to the registration statement of which this prospectus is a part. We urge you to read each of our Certificate of Incorporation, our Bylaws, and the Warrants-related documents described herein in their entirety for a complete description of the rights and preferences of our securities.

Authorized and Outstanding Stock

Our Certificate of Incorporation authorizes the issuance of 410,000,000 shares of capital stock, consisting of (a) 400,000,000 shares of common stock, having a par value per share of \$0.0001, and (b) 10,000,000 shares of preferred stock, having a par value per share of \$0.0001 (the “**preferred stock**”). An aggregate of 3,985,002 shares of preferred stock, par value \$0.0001 per share, designated as Series A Convertible Preferred Stock (the “**Series A Convertible Preferred Stock**”) are issued and outstanding. See the Annual Report for the Certificate of Designations for the Series A Convertible Preferred Stock (the “**Certificate of Designations**”).

Common Stock

General

The following description summarizes selected information regarding the Common Stock as well as relevant provisions of: (i) the Certificate of Incorporation; (ii) the Bylaws; and (iii) the DGCL. The following summary is qualified in its entirety by, and should be read in conjunction with, the Certificate of Incorporation and the Bylaws, copies of which have been filed as exhibits to the Annual Report and the registration statement of which this prospectus forms a part, and the applicable provisions of the DGCL.

Voting Rights

Each holder of Common Stock will be entitled to one (1) vote for each share of Common Stock held of record by such holder on all matters submitted to a vote of our stockholders; provided, however, that, except as otherwise required in the Certificate of Incorporation or by applicable law, the holders of Common Stock shall not be entitled to vote on any amendment to the Certificate of Incorporation or any certificate of designation filed with respect to any series of our preferred stock that alters or changes the powers, preferences, rights or other terms of one or more outstanding series of our preferred stock (including the Series A Convertible Preferred Stock) if the holders of such affected series are entitled, either separately or together with the holders of one or more other such series, to vote thereon pursuant to the Certificate of Incorporation (including any certificate of designation relating to any series of preferred stock) or pursuant to the DGCL.

Dividend Rights

Subject to applicable law and the rights of the holders of any outstanding class of our preferred stock, including the Series A Convertible Preferred Stock, and the provisions of the Certificate of Incorporation, holders of Common Stock will be entitled to receive such dividends and other distributions in cash, stock or property of the Company when, as and if declared thereon by our board of directors (the “**Board**”), in its sole discretion, from time to time out of assets or funds of the Company legally available therefor.

Rights upon Liquidation

Subject to applicable law and the rights and preferences of the holders of any holders of any shares of any outstanding class of preferred stock, including the Series A Convertible Preferred Stock, in the event of any liquidation, dissolution or winding up of our affairs, whether voluntary or involuntary, after payment or provision for payment of our debts and any other payments required by law and amounts payable upon shares of preferred stock ranking senior to the shares of Common Stock upon such dissolution, liquidation or winding up, if any, our remaining net assets will be distributed to the holders of Common Stock and the holders of any other class or series of capital stock ranking equally with the Common Stock upon such dissolution, liquidation or winding up, equally on a per share basis.

Preemptive or Other Rights

The holders of Common Stock will not have preemptive or other subscription rights and there are no redemption or sinking fund provisions applicable to the Common Stock. The rights, preferences and privileges of holders of the Common Stock will be subject to those of the holders of the Series A Convertible Preferred Stock and any other series of preferred stock of that we may issue in the future.

Election of Directors

The Board is divided into three classes, Class I, Class II and Class III, with members of each class serving staggered three-year terms with only one class of directors being elected in each year. There is no cumulative voting with respect to the election of directors. Under the Bylaws, the election of directors is determined by plurality vote.

Preferred Stock

Our existing charter provides that shares of preferred stock may be issued from time to time in one or more series. Our Board is authorized to fix the voting rights, if any, designations, powers, preferences, the relative, participating, optional or other special rights and any qualifications, limitations and restrictions thereof, applicable to the shares of each series. Our Board is able to, without stockholder approval, issue preferred stock with voting and other rights that could adversely affect the voting power and other rights of the holders of the Common Stock and could have anti-takeover effects. The ability of our Board to issue preferred stock without stockholder approval could have the effect of delaying, deferring or preventing a change of control of us or the removal of existing management. While we have no current plans to issue additional preferred stock, circumstances in which we might issue additional preferred stock in the future could include, among others, offerings of preferred stock undertaken for capital raising purposes, issuances in connection with acquisitions we might make in the future, or issuances in connection with potential change of control or strategic transactions involving us. Any determination by us to issue shares of preferred stock in the future will be dependent on the facts and circumstances at the time.

Series A Convertible Preferred Stock

The Certificate of Designations establishes the voting powers, designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations and restrictions of the shares of the Series A Convertible Preferred Stock, which are described in more detail below. The following description of our Series A Convertible Preferred Stock is intended as a summary only and does not purport to be complete, and is qualified in its entirety by reference to the Certificate of Designations and to the applicable provisions of Delaware law. We urge you to read the Certificate of Designations because it, and not this description, defines the rights of holders of shares of Series A Convertible Preferred Stock.

Ranking

With respect to payment of dividends and distribution of assets upon liquidation, dissolution or winding up of the Company, the Series A Convertible Preferred Stock ranks: (i) junior to any class or series of capital stock of the Company hereafter created which expressly ranks senior to the Series A Convertible Preferred Stock; (ii) on parity with any class or series of capital stock of the Company hereafter created that expressly ranks *pari passu* with the Series A Convertible Preferred Stock; and (iii) senior to the Common Stock or any class or series of capital stock of the Company hereafter created that expressly ranks junior to the Series A Convertible Preferred Stock.

Optional Conversion

The Series A Convertible Preferred Stock are convertible at any time at the option of the holder thereof into the number of shares of Common Stock determined by the quotient of (i) the sum of \$10.00 (as adjusted for any stock dividend, stock split, reverse stock split, combination or similar event affecting the Series A Convertible Preferred Stock) (the "**Liquidation Preference**") and if the Company has not elected to otherwise pay the accrued Annual Dividends (as defined below) in cash to the holder, the accrued Annual Dividends on such shares as of the date of conversion, divided by (ii) the Conversion Price (as defined in the Certificate of Designations) of such shares in effect at the time of conversion.

Automatic Conversion

On the four year anniversary of the Closing Date, all then outstanding shares of Series A Convertible Preferred Stock shall automatically convert into the number of shares of Common Stock equal to the quotient of (i) the sum of the Liquidation Preference and if the Company has not elected to otherwise pay the accrued Annual Dividends in cash to the holder, the accrued Annual Dividends on such shares as of the date of conversion, divided by (ii) the Conversion Price of such shares in effect at the time of conversion.

Dividends

Holders of the Series A Convertible Preferred Stock are entitled to participate equally in any dividends declared to holders of Common Stock (the “**Participating Dividends**”). In addition, each holder of the Series A Convertible Preferred Stock is entitled to receive, when, as and if authorized and declared by the Board, annual dividends that accrue and accumulate on a daily basis at a rate per annum (calculated on the basis of an actual 365- or 366-day year, as applicable) equal to 8.0% of the Liquidation Preference, which will be either paid in cash, paid by issuing fully paid and nonassessable shares of Common Stock, or a combination thereof (the “**Annual Dividends**”). So long as any shares of Series A Convertible Preferred Stock remain outstanding, unless all Annual Dividends on all outstanding shares of Series A Convertible Preferred Stock have been declared and paid in cash, the Company will be prohibited from declaring any dividends on, or making any distributions relating to, other classes of preferred stock of the Company ranking junior to the Series A Convertible Preferred Stock, subject to certain exceptions.

Anti-dilution Provisions

The Conversion Price is subject to customary adjustments in the case of certain distributions to holders of Common Stock payable in shares of Common Stock, subdivisions, splits or combinations of the shares of Common Stock and distributions to all holders of shares of Common Stock of any convertible securities or options or any other assets for which there is no corresponding distribution in respect of the Series A Convertible Preferred Stock.

The initial Conversion Price will automatically reset upon each of the eighteen (18) month and forty-seven (47) month anniversaries of the Closing Date to be equal to the lower of (i) the then-current Conversion Price and (ii) the daily volume weighted average price of the Common Stock for the ten trading days immediately prior to, but excluding, the applicable reset date, on the Nasdaq Stock Market LLC (subject to the Floor Price (as defined in the Certificate of Designations)).

Voting Rights

Holders of the Series A Convertible Preferred Stock are entitled to vote with the holders of the Common Stock on all matters submitted to a vote of stockholders of the Company, except as otherwise provided in the Certificate of Designations or as required by applicable law, voting together with the holders of Common Stock as a single class. Each holder is entitled to a number of votes in respect of the shares of Series A Convertible Preferred Stock owned as of the record date by it, or if no such record date is established, as of the date such vote is taken or any written consent of stockholders is solicited, equal to the quotient of (i) \$10.00 divided by (ii) the Minimum Price (as defined in Nasdaq Listing Rule 5635(d)) of the Common Stock as determined at the effective time of the Business Combination.

As long as any shares of Series A Convertible Preferred Stock are outstanding, the Company shall not, without the affirmative vote of the holders of a majority of the then outstanding shares of the Series A Convertible Preferred Stock, (i) amend, alter, repeal or otherwise modify any provision of the Certificate of Incorporation or the Certificate of Designations in a manner that would alter or change the terms or the powers, preferences, rights or privileges of the Series A Convertible Preferred Stock as to affect them adversely; (ii) authorize, create, increase the authorized amount of, or issue any class or series of senior to the Series A Convertible Preferred Stock; (iii) increase the authorized number of shares of Series A Convertible Preferred Stock or (iv) enter into any agreement with respect to the foregoing.

Liquidation

Upon any liquidation, dissolution or winding-up of the Company, whether voluntary or involuntary (excluding any mergers, consolidations, reorganizations or other changes of control), after payment or provision for payment of the debts and other liabilities of the Company, the holders of the Series A Convertible Preferred Stock are entitled to receive, before the holders of any of the Common Stock or other classes of preferred stock of the Company ranking junior thereto, out of the remaining net assets of the Company, the amount equal to the greater of (i) the sum of (A) the Liquidation Preference, and (B) the aggregate accrued Annual Dividends of such shares as of the date of the liquidation, and (ii) the amount such holder would have received had such shares of Series A Convertible Preferred Stock, immediately prior to such liquidation, been converted into shares of Common Stock.

In the event that the assets available for distribution to stockholders of the Company upon a liquidation are insufficient to pay in full the amounts payable with respect to all outstanding shares of Series A Convertible Preferred Stock, such assets, or the proceeds thereof, shall be distributed among the holders of the Series A Convertible Preferred Stock ratably in proportion to the full respective liquidating distributions to which each holder would otherwise be entitled upon such liquidation.

Fundamental Transactions

Upon any sale of all or substantially all of the Company's assets, any merger, consolidation, reorganization, change of control or other similar transaction (each a "**Fundamental Transaction**"), holders of Series A Convertible Preferred Stock shall have the right to receive, for each share of Common Stock that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction, the number of shares of Common Stock (if it is the surviving entity), or common stock of the successor or acquiring corporation (if it is the surviving entity), and any additional consideration receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which the Series A Convertible Preferred Stock is convertible immediately prior to such Fundamental Transaction.

Compensation for Buy-In on Failure to Timely Deliver Conversion Shares Upon Conversion

If the Company fails to timely deliver shares of Common Stock upon conversion of the Series A Convertible Preferred Stock within the time period specified in the Certificate of Designations, then the Company is obligated to (A) pay to the holder, in cash, the amount, if any, by which (x) such holder's total purchase price (including any brokerage commissions) for the Common Stock so purchased exceeds (y) the product of (1) the aggregate number of shares of Common Stock that such holder was entitled to receive from the conversion at issue multiplied by (2) the actual sale price at which the sell order giving rise to such purchase obligation was executed (including any brokerage commissions) and (B) at the option of such holder, either reissue (if surrendered) the shares of Series A Convertible Preferred Stock equal to the number of shares of Series A Convertible Preferred Stock submitted for conversion (in which case, such conversion shall be deemed rescinded) or deliver to such holder the number of shares of Common Stock that would have been issued if the Company had timely complied with its delivery requirements.

Warrants

Public Warrants

Each Public Warrant entitles the registered holder to purchase one share of our Common Stock at a price of \$11.50 per share, subject to adjustment as discussed below, at any time commencing on 30 days after the completion of the Business Combination. The Public Warrants will expire five years after the completion of the Business Combination, at 5:00 p.m., New York City time, or earlier upon redemption or liquidation.

We will not be obligated to deliver any shares of Common Stock pursuant to the exercise of a Public Warrant and will have no obligation to settle such warrant exercise unless a registration statement under the Securities Act with respect to the shares of Common Stock underlying the warrants is then effective and a prospectus relating thereto is current, subject to our satisfying our obligations described below with respect to registration. No Public Warrant will be exercisable and we will not be obligated to issue shares of Common Stock upon exercise of a warrant unless Common Stock issuable upon such warrant exercise has been registered, qualified or deemed to be exempt under the securities laws of the state of residence of the registered holder of the warrants. In the event that the conditions in the two immediately preceding sentences are not satisfied with respect to a Public Warrant, the holder of such warrant will not be entitled to exercise such warrant and such warrant may have no value and expire worthless. In no event will we be required to net cash settle any Public Warrant. In the event that a registration statement is not effective for the exercised Public Warrants, the purchaser of an equity security consisting of one share of Common Stock and one-third of a Public Warrant ("**Unit**") containing such warrant, if not cash settled, will have paid the full purchase price for the Unit solely for the share of Common Stock underlying such Unit.

All (and not less than all) of the outstanding Public Warrants may be exchanged, at our option, at any time while they are exercisable and prior to their expiration, at the office of the warrant agent, upon notice to the holders of the then outstanding Public Warrants, at the exchange rate of 0.27 shares of Common Stock per Public Warrant (subject to equitable adjustment by us in the event of any stock splits, stock dividends, recapitalizations or similar transaction with respect to the Common Stock).

In addition, we may call the Public Warrants for redemption:

- in whole and not in part;
- at a price of \$0.01 per warrant;
- upon not less than 30 days' prior written notice of redemption (the "**30-day redemption period**") to each warrant holder; and
- if, and only if, the reported closing price of the Common Stock equals or exceeds \$18.00 per share (as adjusted for stock splits, stock dividends, reorganizations, recapitalizations and the like) for any 20 trading days within a 30-trading day period ending three business days before we send the notice of redemption to the warrant holders.

We may not exercise our redemption right if the issuance of shares of Common Stock upon exercise of the warrants is not exempt from registration or qualification under applicable state blue sky laws or we are unable to effect such registration or qualification. We will use our reasonable best efforts to register or qualify such shares of Common Stock under the blue sky laws of the state of residence in those states in which the Public Warrants were initially offered by us.

We have established the last of the redemption criteria discussed above to prevent a redemption call unless there is at the time of the call a significant premium to the warrant exercise price. If the foregoing conditions are satisfied and we issue a notice of redemption of the Public Warrants, each warrant holder will be entitled to exercise its warrant prior to the scheduled redemption date. However, the price of the Common Stock may fall below the \$18.00 redemption trigger price (as adjusted for stock splits, stock dividends, reorganizations, recapitalizations and the like), as well as the \$11.50 warrant exercise price after the redemption notice is issued.

If we call the Public Warrants for redemption as described above, our management will have the option to require any holder that wishes to exercise its warrant to do so on a cashless basis. In determining whether to require all holders to exercise their Public Warrants on a cashless basis, our management will consider, among other factors, our cash position, the number of warrants that are outstanding and the dilutive effect on our stockholders of issuing the maximum number of shares of Common Stock issuable upon the exercise of our warrants. If our management takes advantage of this option, all holders of Public Warrants would pay the exercise price by surrendering their warrants for that number of shares of Common Stock equal to the quotient obtained by dividing (x) the product of the number of shares of Common Stock underlying the Public Warrants multiplied by the excess of the "fair market value" (defined below) over the exercise price of the Public Warrants by (y) the fair market value. The "fair market value" shall mean the average reported closing price of the Common Stock for the 10 trading days ending on the third trading day prior to the date on which the notice of redemption is sent to the holders of Public Warrants. If our management takes advantage of this option, the notice of redemption will contain the information necessary to calculate the number of shares of Common Stock to be received upon exercise of the Public Warrants, including the "fair market value" in such case. Requiring a cashless exercise in this manner will reduce the number of shares to be issued and thereby lessen the dilutive effect of a warrant redemption. We believe this feature is an attractive option to us if we do not need the cash from the exercise of the Public Warrants. If we call the Public Warrants for redemption and our management does not take advantage of this option, Sponsor and its permitted transferees would still be entitled to exercise their Private Placement Warrants or Working Capital Warrants for cash or on a cashless basis using the same formula described above that other warrant holders would have been required to use had all warrant holders been required to exercise their warrants on a cashless basis, as described in more detail below.

A holder of a Public Warrant may notify us in writing in the event it elects to be subject to a requirement that such holder will not have the right to exercise such warrant, to the extent that after giving effect to such exercise, such person (together with such person's affiliates), to the warrant agent's actual knowledge, would beneficially own in excess of 4.9% or 9.8% (or such other amount as a holder may specify) of the shares of Common Stock outstanding immediately after giving effect to such exercise.

If the number of outstanding shares of Common Stock is increased by a stock dividend payable in shares of Common Stock, or by a split-up of shares of Common Stock or other similar event, then, on the effective date of such stock dividend, split-up or similar event, the number of shares of Common Stock issuable on exercise of each Public Warrant will be increased in proportion to such increase in the outstanding shares of Common Stock. A rights offering to holders of Common Stock entitling holders to purchase shares of Common Stock at a price less than the fair market value will be deemed a stock dividend of a number of shares of Common Stock equal to the product of (i) the number of shares of Common Stock actually sold in such rights offering (or issuable under any other equity securities sold in such rights offering that are convertible into or exercisable for Common Stock) and (ii) one minus the quotient of (x) the price per share of Common Stock paid in such rights offering divided by (y) the fair market value. For these purposes (i) if the rights offering is for securities convertible into or exercisable for Common Stock, in determining the price payable for Common Stock, there will be taken into account any consideration received for such rights, as well as any additional amount payable upon exercise or conversion and (ii) fair market value means the volume weighted average price of Common Stock as reported during the 10 trading day period ending on the trading day prior to the first date on which the shares of Common Stock trade on the applicable exchange or in the applicable market, regular way, without the right to receive such rights.

In addition, if we, at any time while the Public Warrants are outstanding and unexpired, pay a dividend or make a distribution in cash, securities or other assets to the holders of Common Stock on account of such shares of Common Stock (or other shares of our capital stock into which the warrants are convertible), other than (a) as described above or (b) certain ordinary cash dividends, then the warrant exercise price will be decreased, effective immediately after the effective date of such event, by the amount of cash and/or the fair market value of any securities or other assets paid on each share of Common Stock in respect of such event.

If the number of outstanding shares of our Common Stock is decreased by a consolidation, combination, reverse stock split or reclassification of shares of Common Stock or other similar event, then, on the effective date of such consolidation, combination, reverse stock split, reclassification or similar event, the number of shares of Common Stock issuable on exercise of each Public Warrant will be decreased in proportion to such decrease in outstanding shares of Common Stock.

Whenever the number of shares of Common Stock purchasable upon the exercise of the Public Warrants is adjusted, as described above, the warrant exercise price will be adjusted by multiplying the warrant exercise price immediately prior to such adjustment by a fraction (x) the numerator of which will be the number of shares of Common Stock purchasable upon the exercise of the warrants immediately prior to such adjustment, and (y) the denominator of which will be the number of shares of Common Stock so purchasable immediately thereafter.

In case of any reclassification or reorganization of the outstanding shares of Common Stock (other than those described above or that solely affects the par value of such shares of Common Stock), or in the case of any merger or consolidation of us with or into another corporation (other than a consolidation or merger in which we are the continuing corporation and that does not result in any reclassification or reorganization of our outstanding shares of Common Stock), or in the case of any sale or conveyance to another corporation or entity of the assets or other property of us as an entirety or substantially as an entirety in connection with which we are dissolved, the holders of the Public Warrants will thereafter have the right to purchase and receive, upon the basis and upon the terms and conditions specified in the warrants and in lieu of the shares of our Common Stock immediately theretofore purchasable and receivable upon the exercise of the rights represented thereby, the kind and amount of shares of stock or other securities or property (including cash) receivable upon such reclassification, reorganization, merger or consolidation, or upon a dissolution following any such sale or transfer, that the holder of the warrants would have received if such holder had exercised their Public Warrants immediately prior to such event. If less than 70% of the consideration receivable by the holders of Common Stock in such a transaction is payable in the form of Common Stock in the successor entity that is listed for trading on a national securities exchange or is quoted in an established over-the-counter market, or is to be so listed for trading or quoted immediately following such event, and if the registered holder of the Public Warrant properly exercises the warrant within 30 days following public disclosure of such transaction, the warrant exercise price will be reduced as specified in the warrant agreement based on the Black-Scholes value (as defined in the warrant agreement) of the warrant. The purpose of such exercise price reduction is to provide additional value to holders of the Public Warrants when an extraordinary transaction occurs during the exercise period of the warrants pursuant to which the holders of the warrants otherwise do not receive the full potential value of the warrants. This formula is to compensate the warrant holder for the loss of the option value portion of the Public Warrant due to the requirement that the warrant holder exercise the warrant within 30 days of the event. The Black-Scholes model is an accepted pricing model for estimating fair market value where no quoted market price for an instrument is available.

The Public Warrants were issued in registered form under a warrant agreement between Continental Stock Transfer & Trust Company, as warrant agent, and us. The description of the Public Warrants set forth herein is a summary and does not purport to be complete. The warrant agreement provides that the terms of the Public Warrants may be amended without the consent of any holder to cure any ambiguity or correct any defective provision, and that all other modifications or amendments require the vote or written consent of the holders of at least a majority of the then outstanding public warrants and, solely with respect to any amendment to the terms of the Private Placement Warrants or Working Capital Warrants, a majority of the then outstanding Private Placement Warrants or Working Capital Warrants.

The Public Warrants may be exercised upon surrender of the warrant certificate on or prior to the expiration date at the offices of the warrant agent, with the exercise form on the reverse side of the warrant certificate completed and executed as indicated, accompanied by full payment of the exercise price (or on a cashless basis, if applicable), by certified or official bank check payable to us, for the number of Public Warrants being exercised. The warrant holders do not have the rights or privileges of holders of Common Stock or any voting rights until they exercise their Public Warrants and receive shares of Common Stock. After the issuance of shares of Common Stock upon exercise of the Public Warrants, each holder will be entitled to one vote for each share held of record on all matters to be voted on by stockholders.

No fractional shares will be issued upon exercise of the Public Warrants. If, upon exercise of the Public Warrants, a holder would be entitled to receive a fractional interest in a share, we will, upon exercise, round down to the nearest whole number of shares of Common Stock to be issued to the warrant holder.

We have agreed that, subject to applicable law, any action, proceeding or claim against us arising out of or relating in any way to the warrant agreement will be brought and enforced in the courts of the State of New York or the United States District Court for the Southern District of New York, and we irrevocably submit to such jurisdiction, which jurisdiction will be the exclusive forum for any such action, proceeding or claim. This provision applies to claims under the Securities Act but does not apply to claims under the Exchange Act or any claim for which the federal district courts of the United States of America are the sole and exclusive forum.

Private Placement Warrants and Working Capital Warrants

The Private Placement Warrant and the Working Capital Warrant are identical to the Public Warrants except as set forth below. If holders of the Private Placement Warrants or Working Capital Warrants elect to exercise them on a cashless basis, they would pay the exercise price by surrendering their warrants for that number of shares of Common Stock equal to the quotient obtained by dividing (x) the product of the number of shares of Common Stock underlying the warrants multiplied by the excess of the “fair market value” (defined below) over the exercise price of the warrants by (y) the fair market value. The “fair market value” means the average reported closing price of the Common Stock for the 10 trading days ending on the third trading day prior to the date on which the notice of warrant exercise is sent to the warrant agent. The reason that we agreed that these warrants will be exercisable on a cashless basis so long as they are held by the Sponsor or its permitted transferees is because we did not know whether they would be affiliated with us following the business combination. If they remained affiliated with us, their ability to sell our securities in the open market will be significantly limited. We have policies in place that prohibit insiders from selling our securities except during specific periods of time. Even during such periods of time when insiders will be permitted to sell our securities, an insider cannot trade in our securities if he or she is in possession of material non-public information. Accordingly, unlike public stockholders who could exercise their warrants sell the shares of Common Stock issuable upon exercise of the warrants freely in the open market, the insiders could be significantly restricted from doing so. As a result, we believe that allowing the holders to exercise such warrants on a cashless basis is appropriate.

Additionally, the Private Placement Warrants and Working Capital Warrants will be non-redeemable so long as they are held by the initial purchasers or their permitted transferees. If the Private Placement Warrants or Working Capital Warrants are held by someone other than the initial purchasers or their permitted transferees, the Private Placement Warrants and Working Capital Warrants will be redeemable by the Company and exercisable by such holders on the same basis as the Public Warrants.

In addition, holders of our Private Placement Warrants and Working Capital Warrants are entitled to certain registration rights.

OrbiMed Warrants

In connection with the Credit Agreement and the closing of the Initial Commitment Amount, we issued OrbiMed the Initial OrbiMed Warrant, with an exercise price of \$9.5562, subsequently adjusted to \$9.4487 and subject to further adjustment as discussed below, at any time between issuance and the expiration of the Initial OrbiMed Warrant on April 30, 2031. On each of the closings of the Delayed Draw Commitment Amounts, if any, we agreed to issue Subsequent OrbiMed Warrants to purchase a number of shares of Common Stock determined by dividing 5% of the applicable Delayed Draw Commitment Amount by the 10-day volume weighted average sale price of Common Stock as of the issue date. The Subsequent OrbiMed Warrants will expire seven years from each applicable issuance date, if any. In connection with the OrbiMed Warrants, we entered into the OrbiMed Registration Rights Agreement, whereby OrbiMed will have certain customary registration rights with respect to the shares of Common Stock underlying the OrbiMed Warrants. If we fail to comply with certain of our obligations under the OrbiMed Registration Rights Agreement with respect to maintaining an effective registration statement covering shares of Common Stock underlying the OrbiMed Warrants, then the expiration date of an OrbiMed Warrant may be extended.

We may not knowingly effect an exercise of an OrbiMed Warrant, and the holder thereof may not exercise an OrbiMed Warrant, if after giving effect to such exercise, the holder thereof would beneficially own in excess of 9.99% of our Common Stock.

In the event of an issuance or sale by us of any Common Stock, options to purchase Common Stock or securities convertible into Common Stock, other than in connection with a dividend or distribution to holders of Common Stock or certain specified issuances or sales, for a price per share less than the exercise price then in effect, the exercise price will be reduced by multiplying such exercise price then in effect by a fraction, the numerator of which shall be the sum of (i) the number of shares of Common Stock Deemed Outstanding (as defined below) immediately prior to such sale or distribution multiplied by the exercise price then in effect, plus (ii) the consideration, if any, received by us upon such sale or distribution, and the denominator of which shall be the product of (a) the total number of shares of Common Stock Deemed Outstanding immediately after such sale or distribution multiplied by (b) the exercise price in effect immediately prior to such sale or distribution. As used herein, “**Common Stock Deemed Outstanding**” means, at any given time, the sum of (x) the number of shares of Common Stock actually outstanding at such time, plus (y) the number of shares of Common Stock issuable upon exercise of warrants, options or similar rights actually outstanding at such time, plus (z) the number of shares of Common Shares issuable upon conversion or exchange of convertible securities actually outstanding at such time (treating as actually outstanding any convertible securities issuable upon exercise of warrants, options or similar rights actually outstanding at such time), in each case, regardless of whether the warrants, options or similar rights or convertible securities are actually exercisable at such time; provided that Common Stock Deemed Outstanding at any given time shall not include shares of Common Stock owned or held by or for the account of the Company or any of its wholly owned subsidiaries.

If the number of outstanding shares of our Common Stock is decreased by any redemptions, recapitalizations, reclassifications, combinations or exchanges of shares, splits or reverse splits, separations, reorganizations, liquidations, substitutions, replacements of shares of Common Stock or other similar events, then, on the effective date of such event, the number of shares of Common Stock issuable on exercise of each OrbiMed Warrant will be proportionally decreased, and the exercise price will be proportionally increased.

If we grant, issue, offer or sell shares of Common Stock, options to purchase Common Stock or securities convertible into Common Stock, or rights to purchase shares, warrants, securities or other property, in each case pro rata to the record holders of Common Stock, then the holder of each OrbiMed Warrant shall be entitled to (but shall not be obligated to) acquire, upon the same terms applicable to such rights, the aggregate rights the holder would have been entitled to had a complete exercise of each OrbiMed Warrant been completed immediately prior to the date used to determine which holders of Common Stock were entitled to such grant, issuance, offer or sale.

The OrbiMed Warrants may be exercised upon surrender of the warrant certificate on or prior to the expiration date to us, with the warrant certificate completed and executed as indicated, accompanied by full payment of the exercise price (or on a cashless basis, if applicable), for the number of OrbiMed Warrants being exercised. The warrant holders do not have the rights or privileges of holders of Common Stock or any voting rights until they exercise their OrbiMed Warrants and receive shares of Common Stock. After the issuance of shares of Common Stock upon exercise of the OrbiMed Warrants, each holder will be entitled to one vote for each share held of record on all matters to be voted on by stockholders.

No fractional shares will be issued upon exercise of the OrbiMed Warrants. If, upon exercise of the OrbiMed Warrants, a holder would be entitled to receive a fractional interest in a share, we will at our option either round up to the nearest whole number of shares of Common Stock or round down to the nearest whole number of shares of Common Stock to be issued to the warrant holder and pay in cash the amount of such fractional share based on the fair market value of our Common Stock calculated in the manner described in the OrbiMed Warrant.

We have agreed that, subject to applicable law, the OrbiMed Warrants will be governed by and construed according to the laws of New York, and that any legal suit, action or proceeding arising out of or based on an OrbiMed Warrant or the transactions contemplated thereby may be instituted in the federal courts of the United States or the courts of the State of New York, in each case located in the city and county of New York. We irrevocably submit to such jurisdiction exclusively.

On August 15, 2024, OrbiMed Royalty & Credit Opportunities IV, LP assigned a portion of the Initial OrbiMed Warrant to its affiliate, OrbiMed Royalty & Credit Opportunities IV Offshore, LP. As of the date of this prospectus, there are two outstanding Initial OrbiMed Warrants to purchase an aggregate of 130,805 shares of our Common Stock.

Dividends

We have not paid any cash dividends on our Common Stock to date. The payment of cash dividends in the future will be dependent upon our revenues and earnings, if any, capital requirements, general financial condition, contractual restrictions and other factors that the Board may deem relevant and will be within the discretion of the Board at such time. In addition, our ability to pay dividends may be limited by covenants of any existing and future outstanding indebtedness that we or our subsidiaries incur.

Certain Anti-Takeover Provisions of Delaware Law and our Certificate of Incorporation and Bylaws

We are subject to the provisions of Section 203 of the DGCL regulating corporate takeovers. This statute prevents certain Delaware corporations, under certain circumstances, from engaging in a “business combination” with:

- a stockholder who owns 15% or more of our outstanding voting stock (otherwise known as an “interested stockholder”);
- an affiliate of an interested stockholder; or
- an associate of an interested stockholder, for three years following the date that the stockholder became an interested stockholder.

A “business combination” includes a merger or sale of more than 10% of our assets. However, the above provisions of Section 203 do not apply if:

- our Board approves the transaction that made the stockholder an “interested stockholder,” prior to the date of the transaction;
- after the completion of the transaction that resulted in the stockholder becoming an interested stockholder, that stockholder owned at least 85% of our voting stock outstanding at the time the transaction commenced, other than statutorily excluded shares of Common Stock; or
- on or subsequent to the date of the transaction, the initial business combination is approved by our Board and authorized at a meeting of our stockholders, and not by written consent, by an affirmative vote of at least two-thirds of the outstanding voting stock not owned by the interested stockholder.

Our Certificate of Incorporation provides that the Board is classified into three classes of directors, each of which will generally serve for a term of three years with only one class of directors being elected in each year. As a result, in most circumstances, a person can gain control of our Board only by successfully engaging in a proxy contest at two or more annual meetings.

The authorized but unissued Common Stock and preferred stock are available for future issuances without stockholder approval and could be utilized for a variety of corporate purposes, including future offerings to raise additional capital, acquisitions and employee benefit plans. The existence of authorized but unissued and unreserved shares of Common Stock and preferred stock could render more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

Exclusive Forum for Certain Lawsuits

Our Certificate of Incorporation requires, to the fullest extent permitted by law, that derivative actions brought in our name, actions against directors, officers and employees for breach of fiduciary duty and other similar actions may be brought only in the Court of Chancery in the State of Delaware. Although we believe this provision benefits us by providing increased consistency in the application of Delaware law in the types of lawsuits to which it applies, a court may determine that this provision is unenforceable, and to the extent it is enforceable, the provision may have the effect of discouraging lawsuits against our directors and officers.

Despite the fact that our Certificate of Incorporation provides that the exclusive forum provision will be applicable to the fullest extent permitted by applicable law, Section 27 of the Exchange Act, and the rules and regulations thereunder, creates exclusive federal jurisdiction over all suits brought to enforce any duty or liability created by the Exchange Act or the rules and regulations thereunder. As a result, the exclusive forum provision does not apply to suits brought to enforce any duty or liability created by the Exchange Act or any other claim for which the federal courts have exclusive jurisdiction. In addition, our Certificate of Incorporation provides that, unless we consent in writing to the selection of an alternative forum, the federal district courts of the United States of America shall, to the fullest extent permitted by law, be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act, or the rules and regulations promulgated thereunder. We note, however, that there is uncertainty as to whether a court would enforce this provision and that investors cannot waive compliance with the federal securities laws and the rules and regulations thereunder. Section 22 of the Securities Act creates concurrent jurisdiction for state and federal courts over all suits brought to enforce any duty or liability created by the Securities Act or the rules and regulations thereunder.

Special Meeting of Stockholders

Our Bylaws provide that special meetings of our stockholders may be called only by a majority vote of our Board, by our Chief Executive Officer or by our Chairman.

Advance Notice Requirements for Stockholder Proposals and Director Nominations

Our Bylaws provide that stockholders seeking to bring business before our annual meeting of stockholders, or to nominate candidates for election as directors at our annual meeting of stockholders, must provide timely notice of their intent in writing. To be timely, a stockholder's notice will need to be received by the Company's secretary at our principal executive offices not later than the close of business on the 90th day nor earlier than the opening of business on the 120th day prior to the anniversary date of the immediately preceding annual meeting of stockholders. Pursuant to Rule 14a-8 of the Exchange Act, proposals seeking inclusion in our annual proxy statement must comply with the notice periods contained therein. Our Bylaws also specify certain requirements as to the form and content of a stockholders' meeting. These provisions may preclude our stockholders from bringing matters before our annual meeting of stockholders or from making nominations for directors at our annual meeting of stockholders.

Action by Written Consent

Any action required or permitted to be taken by holders of our Common Stock must be effected by a duly called annual or special meeting of such stockholders and may not be effected by written consent of the stockholders.

Transfer Agent

The transfer agent for our securities is Continental Stock Transfer & Trust Company. The transfer agent's address is One State Street Plaza, 30 Floor New York, New York 10004.

Listing of Common Stock and Public Warrants

Our Common Stock is currently traded on the Nasdaq Global Market under the symbol "TLSI." Our Public Warrants currently trade on the Nasdaq Global Market under the symbol "TLSIW." The Private Placement Warrants, Working Capital Warrants and Initial OrbiMed Warrant are not listed on a securities exchange nor traded in an over-the-counter market.

PLAN OF DISTRIBUTION

We are registering the offer and sale from time to time by the Selling Securityholder or their permitted transferees, of up to 5,859,375 shares of our Common Stock.

We will not receive any of the proceeds from the sale of the securities by the Selling Securityholder. The aggregate proceeds to the Selling Securityholder will be the purchase price of the securities less any discounts and commissions borne by the Selling Securityholder. However, we expect to receive proceeds from sales of Common Stock that we may elect to make to Yorkville pursuant to the SEPA, if any, from time to time in our discretion. The net proceeds from sales, if any, under the SEPA, will depend on the frequency and prices at which we sell shares of Common Stock to Yorkville after the date of this prospectus. See “*Committed Equity Financing*” for a description of how the price at which we may sell shares of Common Stock to Yorkville is calculated pursuant to the SEPA.

The securities beneficially owned by the Selling Securityholder covered by this prospectus may be offered and sold from time to time by the Selling Securityholder. The term “Selling Securityholder” includes their permitted transferees who later come to hold any of the Selling Securityholder’s interest in our securities in accordance with the terms of the agreement(s) governing the registration rights applicable to such Selling Securityholder’s securities, including donees, pledgees and other transferees or successors in interest selling securities received after the date of this prospectus from a Selling Securityholder as a gift, pledge, partnership, distribution or other transfer. The Selling Securityholder will act independently of us in making decisions with respect to the timing, manner and size of each sale. Such sales may be made on one or more exchanges or in the over-the-counter market or otherwise, at prices and under terms then prevailing or at prices related to the then current market price or in negotiated transactions. Each Selling Securityholder reserves the right to accept and, together with its respective agents, to reject, any proposed purchase of securities to be made directly or through agents. The Selling Securityholder and any of their permitted transferees may sell their securities offered by this prospectus on any stock exchange, market or trading facility on which the securities are traded or in private transactions. If underwriters are used in the sale, such underwriters will acquire the securities for their own account. These sales may be at a fixed price or varying prices, which may be changed, or at market prices prevailing at the time of sale, at prices relating to prevailing market prices or at negotiated prices. The securities may be offered to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate.

Subject to the limitations set forth in any applicable registration rights agreement, the Selling Securityholder may use any one or more of the following methods when selling the securities offered by this prospectus:

- ordinary brokers’ transactions;
- transactions involving cross or block trades;
- through brokers, dealers, or underwriters who may act solely as agents;
- “at the market” into an existing market for the shares of our Common Stock;
- in other ways not involving market makers or established business markets, including direct sales to purchasers or sales effected through agents;
- in privately negotiated transactions;
- through any combination of the foregoing; or
- any other method permitted pursuant to applicable law.

A Selling Securityholder may also sell our securities under Rule 144 under the Securities Act, if available, or pursuant to other available exemptions from the registration requirements under the Securities Act, rather than under this prospectus. The Selling Securityholder have the sole and absolute discretion not to accept any purchase offer or make any sale of securities if they deem the purchase price to be unsatisfactory at any particular time.

We will bear all costs, fees and expenses incident to our obligation to register the securities.

We may prepare prospectus supplements for secondary offerings that will disclose the terms of the offering, including the name or names of any underwriters, dealers or agents, the purchase price of the securities, any underwriting discounts and other items constituting compensation to underwriters, dealers or agents.

A Selling Securityholder may fix a price or prices of our securities at:

- fixed prices;
- market prices prevailing at the time of any sale under this registration statement;
- prices related to market prices;
- varying prices determined at the time of sale; or
- negotiated prices.

A Selling Securityholder may change the price of the securities offered from time to time. In addition, a Selling Securityholder that is an entity may elect to make an in-kind distribution of securities to its members, partners or stockholders pursuant to the registration statement of which this prospectus is a part by delivering a prospectus with a plan of distribution. Such members, partners or stockholders would thereby receive freely tradeable securities pursuant to the distribution through a registration statement. To the extent a distributee is an affiliate of ours (or to the extent otherwise required by law), we may file a prospectus supplement in order to permit the distributees to use the prospectus to resell the securities acquired in the distribution.

Subject to the terms of the agreement(s) governing the registration rights applicable to a Selling Securityholder's securities, such Selling Securityholder may transfer securities to one or more "permitted transferees" in accordance with such agreements and, if so transferred, such permitted transferee(s) will be the selling beneficial owner(s) for purposes of this prospectus. Upon being notified by a Selling Securityholder interest intends to sell our securities, we will, to the extent required, promptly file a supplement to this prospectus to name specifically such person as a Selling Holder.

To the extent required, this prospectus may be amended or supplemented from time to time to describe a specific plan of distribution. In connection with distributions of the shares of Common Stock or otherwise, the Selling Securityholder may enter into hedging transactions with broker-dealers or other financial institutions. Subject to the terms of the SEPA, the Selling Securityholder may also enter into option or other transactions with broker-dealers or other financial institutions which require the delivery to such broker-dealer or other financial institution of shares of Common Stock offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction). The Selling Securityholder may also pledge shares of Common Stock to a broker-dealer or other financial institution, and, upon a default, such broker-dealer or other financial institution, may effect sales of the pledged securities pursuant to this prospectus (as supplemented or amended to reflect such transaction).

A Selling Holder, or agents designated by it, may directly solicit, from time to time, offers to purchase the securities. Any such agent may be deemed to be an "underwriter" as the term is defined in the Securities Act. Any agents involved in the offer or sale of the securities and any commissions payable by a Selling Securityholder to these agents will be named and described in any applicable prospectus supplement. The agents may also be our customers or may engage in transactions with or perform services for us in the ordinary course of business.

If any Selling Securityholder utilizes any underwriters in the sale of the securities in respect of which this prospectus is delivered, we and the Selling Securityholder will enter into an underwriting agreement with those underwriters at the time of sale to them. We will set forth the names of these underwriters and the terms of the transaction in the prospectus supplement, which will be used by the underwriters to make resales of the securities in respect of which this prospectus is delivered to the public. The underwriters may also be our or the Selling Securityholder's customers or may engage in transactions with or perform services for us or any Selling Securityholder in the ordinary course of business.

If any Selling Securityholder utilizes a dealer in the sale of the securities in respect of which this prospectus is delivered, the Selling Securityholder will sell those securities to the dealer, as principal. The dealer may then resell those securities to the public at varying prices to be determined by the dealer at the time of resale. The dealers may also be our or the Selling Securityholder's customers or may engage in transactions with, or perform services for us or the Selling Securityholder in the ordinary course of business.

Offers to purchase securities may be solicited directly by any Selling Securityholder and the sale thereof may be made by the Selling Securityholder directly to institutional investors or others, who may be deemed to be underwriters within the meaning of the Securities Act with respect to any resale thereof. The terms of any such sales will be described in any applicable prospectus supplement relating thereto.

We or any Selling Securityholder may agree to indemnify underwriters, dealers and agents who participate in the distribution of securities against certain liabilities to which they may become subject in connection with the sale of the securities, including liabilities arising under the Securities Act.

The Selling Securityholder may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act.

In addition, a Selling Securityholder may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use the securities pledged by the Selling Securityholder or borrowed from the Selling Securityholder or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions may be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post-effective amendment).

In addition, a Selling Securityholder may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus or an applicable amendment to this prospectus or a prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities. The Selling Securityholder also may transfer and donate the securities in other circumstances in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The specific terms of any lock-up provisions in respect of any given offering will be described in any applicable prospectus supplement.

In compliance with the guidelines of FINRA, the aggregate maximum discount, commission, fees or other items constituting underwriting compensation to be received by any FINRA member or independent broker-dealer will not exceed 8% of the gross proceeds of any offering pursuant to this prospectus and any applicable prospectus supplement.

If at the time of any offering made under this prospectus a member of FINRA participating in the offering has a “conflict of interest” as defined in FINRA Rule 5121 (“**Rule 5121**”), that offering will be conducted in accordance with the relevant provisions of Rule 5121.

The underwriters, dealers and agents may engage in transactions with us or the Selling Securityholder, or perform services for us or the Selling Securityholder, in the ordinary course of business for which they receive compensation.

The Selling Securityholder and any other persons participating in the sale or distribution of the securities will be subject to applicable provisions of the Securities Act and the Exchange Act, and the rules and regulations thereunder, including, without limitation, Regulation M. These provisions may restrict certain activities of, and limit the timing of purchases and sales of any of the securities by, the Selling Securityholder or any other person, which limitations may affect the marketability of the securities. We have advised the Selling Securityholder that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of securities in the market and to the activities of each Selling Securityholder and its affiliates.

With certain exceptions, Regulation M precludes the Selling Securityholder, any affiliated purchasers, and any broker-dealer or other person who participates in the distribution from bidding for or purchasing, or attempting to induce any person to bid for or purchase any security which is the subject of the distribution until the entire distribution is complete. Regulation M also prohibits any bids or purchases made in order to stabilize the price of a security in connection with the distribution of that security. All of the foregoing may affect the marketability of the securities offered by this prospectus. In addition, we will make copies of this prospectus available to the Selling Securityholder for the purpose of satisfying the prospectus delivery requirements of the Securities Act.

In order to comply with the securities laws of certain states, if applicable, the securities must be sold in such jurisdictions only through registered or licensed brokers or dealers. In addition, in certain states the securities may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

We have agreed to indemnify the Selling Securityholder against certain liabilities, including certain liabilities under the Securities Act, the Exchange Act or other federal or state law. Agents, broker-dealers and underwriters may be entitled to indemnification by us and the Selling Securityholder against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments which the agents, broker-dealers or underwriters may be required to make in respect thereof.

To the extent required, this prospectus may be amended or supplemented from time to time to describe a specific plan of distribution.

There can be no assurance that the Selling Securityholder will sell any or all of the shares of our Common Stock registered pursuant to the registration statement, of which this prospectus forms a part.

LEGAL MATTERS

The validity of the securities offered hereby will be passed upon for us by Cooley LLP.

EXPERTS

The consolidated financial statements of TriSalus Life Sciences, Inc. as of December 31, 2023 and 2022, and for the years then ended, have been incorporated by reference herein in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act, with respect to the securities being offered by this prospectus. This prospectus, which constitutes part of the registration statement, does not contain all of the information in the registration statement and its exhibits. For further information with respect to us and the securities offered by this prospectus, we refer you to the registration statement and its exhibits. Statements contained in this prospectus as to the contents of any contract or any other document referred to are not necessarily complete, and in each instance, we refer you to the copy of the contract or other document filed as an exhibit to the registration statement. Each of these statements is qualified in all respects by this reference. You can read our SEC filings, including the registration statement, over the internet at the SEC's website at www.sec.gov.

We are subject to the information reporting requirements of the Exchange Act, and we file reports, proxy statements, and other information with the SEC. These reports, proxy statements, and other information will be available for review at the SEC's website at www.sec.gov. We also maintain a website at www.trisaluslifesci.com. Through our website, we make available, free of charge, the documents that are filed with, or furnished to, the SEC as soon as reasonably practicable after they are filed with, or furnished to, the SEC, including our Annual Reports on Form 10-K; our proxy statements for our annual and special stockholder meetings; our Quarterly Reports on Form 10-Q; our Current Reports on Form 8-K; Forms 3, 4, and 5 and Schedules 13D with respect to our securities filed on behalf of our directors and our executive officers; and amendments to those documents. Unless incorporated by reference herein in the section titled "*Incorporation of Certain Information by Reference*," the information contained on, or that may be accessed through, our website is not a part of, and is not incorporated into, this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” the information we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus and information we file later with the SEC will automatically update and supersede this information. Any statement contained in this prospectus or a previously filed document incorporated by reference will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or a subsequently filed document incorporated by reference modifies or replaces that statement.

The documents we are incorporating by reference as of their respective dates of filing are (other than Current Reports or portions thereof furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items and other portions of documents that are furnished, but not filed, or are otherwise not incorporated into registration statements pursuant to applicable rules promulgated by the SEC):

- our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on [April 11, 2024](#);
- the information specifically incorporated by reference into our [Annual Report on Form 10-K for the fiscal year ended December 31, 2023](#) from our definitive proxy statement on Schedule 14A, filed with the SEC on [July 19, 2024](#);
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2024 and June 30, 2024 filed with the SEC on [May 15, 2024](#) and [August 14, 2024](#), respectively;
- our Current Reports on Form 8-K filed with the SEC on [January 25, 2024](#), [March 12, 2024](#), [April 16, 2024](#), [April 30, 2024](#), [May 7, 2024](#), [May 24, 2024](#), [June 27, 2024](#), [July 1, 2024](#) and [August 15, 2024](#); and
- the description of our securities contained in [Exhibit 4.7](#) to our Quarterly Report on Form 10-Q for the quarter ended June 30, 2024, filed with the SEC on [August 14, 2024](#), together with any amendment or report filed with the SEC for the purpose of updating such description.

All documents we subsequently file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the termination of this offering, including all such documents we may file after the date of the initial registration statement of which this prospectus forms a part and prior to the effectiveness of the registration statement, but excluding any information furnished to, rather than filed with, the SEC, will also be incorporated by reference into this prospectus and deemed to be part of this prospectus from the date of the filing of such reports and documents.

You may obtain any of the documents incorporated by reference in this prospectus from the SEC through the SEC’s website at the address provided above. You also may request a copy of any document incorporated by reference in this prospectus (excluding any exhibits to those documents, unless the exhibit is specifically incorporated by reference in this document), at no cost, by writing or telephoning us at the following address and phone number:

TriSalus Life Sciences, Inc.
6272 W. 91st Ave.,
Westminster, CO 80031
(888) 321-5212

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth all costs and expenses, other than underwriting discounts and commissions, payable by us in connection with the sale of the securities being registered. All amounts shown are estimates except for the SEC registration fee.

	Amount
SEC registration fee	\$ 3,545.86
Accountants' fees and expenses	\$ 34,000.00
Legal fees and expenses	\$ 125,000.00
Miscellaneous fees and expenses	\$ 70,000.00
Total expenses	\$ 232,545.86

Discounts, concessions, commissions and similar selling expenses attributable to the sale of shares of Common Stock covered by this prospectus will be borne by the selling securityholder. We will pay all expenses (other than discounts, concessions, commissions and similar selling expenses) relating to the registration of the shares with the SEC, as estimated in the table above.

Item 15. Indemnification of Directors and Officers.

Section 145 of the DGCL provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any threatened, pending or completed actions, suits or proceedings in which such person is made a party by reason of such person being or having been a director, officer, employee or agent of the Registrant. The DGCL provides that Section 145 is not exclusive of other rights to which those seeking indemnification may be entitled under any bylaws, agreement, vote of stockholders or disinterested directors or otherwise. The Registrant's Certificate of Incorporation and Bylaws provide for indemnification by the Registrant of its directors and officers to the fullest extent permitted by the DGCL.

Section 102(b)(7) of the DGCL permits a corporation to provide in its Certificate of Incorporation that a director or officer of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director or officer, except for liability (1) for any breach of the director's or officer's duty of loyalty to the corporation or its stockholders, (2) for a director's or officer's acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (3) for a director, unlawful payments of dividends or unlawful stock repurchases redemptions or other distributions, (4) for a director or officer, any transaction from which the director or officer derived an improper personal benefit or (5) for an officer, any action by or in the right of the corporation. The Registrant's Certificate of Incorporation provides for such limitation of liability to the fullest extent permitted by the DGCL.

The Registrant has entered into indemnification agreements with each of its directors and executive officers to provide contractual indemnification in addition to the indemnification provided in our Certificate of Incorporation. Each indemnification agreement provides for indemnification and advancements by the Registrant of certain expenses and costs relating to claims, suits or proceedings arising from his or her service to the Registrant or, at our request, service to other entities, as officers or directors to the maximum extent permitted by applicable law. We believe that these provisions and agreements are necessary to attract qualified directors and officers.

The Registrant also maintains standard policies of insurance under which coverage is provided (1) to its directors and officers against loss arising from claims made by reason of breach of duty or other wrongful act, while acting in their capacity as directors and officers of the Registrant and (2) to the Registrant with respect to payments which may be made by the Registrant to such officers and directors pursuant to any indemnification provision contained in the Registrant's Certificate of Incorporation and Bylaws or otherwise as a matter of law.

Item 16. Exhibits and Financial Statement Schedules.

(a) Exhibits.

The exhibits listed below are filed as part of this registration statement.

Exhibit	Description	Incorporated by Reference			
		Schedule/ Form	File Number	Exhibits	Filing Date
<u>2.1**</u>	<u>Agreement and Plan of Merger, dated as of November 11, 2022, by and among MedTech Acquisition Corporation, MTAC Merger Sub, Inc., and TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>2.1</u>	<u>November 14, 2022</u>
<u>2.2**</u>	<u>First Amendment to Agreement and Plan of Merger, dated as of April 4, 2023, by and among MedTech Acquisition Corporation, MTAC Merger Sub, Inc., and TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>10.1</u>	<u>April 5, 2023</u>
<u>2.3**</u>	<u>Second Amendment to Agreement and Plan of Merger, dated as of May 13, 2023, by and among MedTech Acquisition Corporation, MTAC Merger Sub, Inc., and TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>10.1</u>	<u>May 15, 2023</u>
<u>2.4**</u>	<u>Third Amendment to Agreement and Plan of Merger, dated as of July 5, 2023, by and among MedTech Acquisition Corporation, MTAC Merger Sub, Inc., and TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>10.1</u>	<u>July 6, 2023</u>
<u>4.1**</u>	<u>Second Amended and Restated Certificate of Incorporation of TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>3.1</u>	<u>August 16, 2023</u>
<u>4.2**</u>	<u>Amended and Restated Bylaws of TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>3.2</u>	<u>August 16, 2023</u>
<u>4.3**</u>	<u>Form of Certificate of Designations, Preferences and Rights of Series A Convertible Preferred Stock of TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>3.3</u>	<u>August 16, 2023</u>
<u>4.4**</u>	<u>Specimen Common Stock Certificate.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>4.1</u>	<u>August 16, 2023</u>
<u>4.5**</u>	<u>Specimen Warrant Certificate.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>4.2</u>	<u>August 16, 2023</u>
<u>4.6**</u>	<u>Warrant Agreement, dated December 17, 2020, by and between MTAC and Continental Stock Transfer & Trust Company.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>4.1</u>	<u>December 23, 2020</u>
<u>4.7**</u>	<u>Form of Amended and Restated Registration Rights Agreement, by and among TriSalus Life Sciences, Inc., MedTech Acquisition Sponsor LLC, and certain former stockholders of TriSalus Life Sciences, Inc.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>10.1</u>	<u>November 14, 2022</u>
<u>4.8**</u>	<u>Registration Rights Agreement, dated April 30, 2024, by and between TriSalus Life Sciences, Inc., and OrbiMed Royalty & Credit Opportunities IV, LP.</u>	<u>Form 10-Q</u>	<u>001-39813</u>	<u>4.4</u>	<u>May 15, 2024</u>
<u>4.9**</u>	<u>Amendment No. 1 to Warrant Agreement, dated June 26, 2024, by and between the Company and Continental Stock Transfer & Trust Company.</u>	<u>Form 8-K</u>	<u>001-39813</u>	<u>10.1</u>	<u>June 27, 2024</u>
<u>4.10*</u>	<u>Substitute Warrant Certificate, August 15, 2024, by and between TriSalus Life Sciences, Inc., and OrbiMed Royalty & Credit Opportunities IV, LP.</u>				
<u>4.11*</u>	<u>Substitute Warrant Certificate, dated August 15, 2024, by and between TriSalus Life Sciences, Inc., and OrbiMed Royalty & Credit Opportunities IV Offshore, LP.</u>				
<u>5.1**</u>	<u>Opinion of Cooley LLP.</u>	<u>Form S-1</u>	<u>333-276070</u>	<u>5.1</u>	<u>December 15, 2023</u>
<u>23.1*</u>	<u>Consent of KPMG LLP, independent registered public accounting firm.</u>				
<u>23.2**</u>	<u>Consent of Cooley LLP (included in Exhibit 5.1).</u>	<u>Form S-1</u>	<u>333-276070</u>	<u>5.1</u>	<u>December 15, 2023</u>
<u>24.1**</u>	<u>Power of Attorney (included on signature page of S-1).</u>	<u>Form S-1</u>	<u>333-276070</u>	<u>24.1</u>	<u>December 15, 2023</u>

Exhibit	Description	Incorporated by Reference			
		Schedule/ Form	File Number	Exhibits	Filing Date
24.2*	Power of Attorney.				
107**	Filing Fee Table.	Form S-1	333-276070	107	December 15, 2023

* Filed herewith.

** Previously filed.

† Certain of the exhibits and schedules to this Exhibit have been omitted in accordance with Regulation S-K Item 601(a)(5). The Registrant agrees to furnish a copy of all omitted exhibits and schedules to the SEC upon its request; provided, however, that the Registrant may request confidential treatment pursuant to Rule 24b-2 of the Exchange Act, as amended, for any schedule or exhibit so furnished.

Item 17. Undertakings.

(a) The undersigned registrant hereby undertakes as follows:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that: Paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the registration statement is on Form S-3 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act, that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser:

- (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
- (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

- (b) That, for the purpose of determining liability of the registrant under the Securities Act each filing of the Registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Company has duly caused this Post-Effective Amendment No.2 to registration statement on Form S-1 on Form S-3 to be signed on its behalf by the undersigned, thereunto duly authorized in the City of Westminster, State of Colorado, on this 29th day of October, 2024.

TRISALUS LIFE SCIENCES, INC.

By: /s/ Mary Szela
Mary Szela
Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Mary Szela and Sean Murphy, and each one of them, as his or her true and lawful attorneys-in-fact and agents, with full power to act alone, with full powers of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement on Form S-3, and to sign any registration statement for the same offering covered by this registration statement that is to be effective on filing pursuant to Rule 462(b) under the Securities Act of 1933, as amended, and all post-effective amendments thereto, and to file the same, with all exhibits thereto and other documents in connection therewith, with the SEC, granting unto said attorneys-in-fact and agents, and each one of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or her substitute or resubstitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 2 to registration statement on Form S-1 on Form S-3 has been signed by the following persons in the capacities and on the dates indicated.

<u>/s/ Mary Szela</u> Mary Szela	Chief Executive Officer and Director (Principal Executive Officer)	October 29, 2024
<u>/s/ Sean Murphy</u> Sean Murphy	Chief Financial Officer and Director (Principal Financial and Accounting Officer)	October 29, 2024
<u>*</u> Mats Wahlström	Chairman	October 29, 2024
<u>*</u> Arjun "JJ" Desai	Director	October 29, 2024
<u>*</u> Andrew von Eschenbach	Director	October 29, 2024
<u>*</u> Kerry Hicks	Director	October 29, 2024
<u>/s/ Liselotte Hyveled</u> Liselotte Hyveled	Director	October 29, 2024
<u>*</u> George Kelly Martin	Director	October 29, 2024
<u>*</u> David J. Matlin	Director	October 29, 2024
<u>*</u> Anil Singhal	Director	October 29, 2024

* By: /s/ Mary Szela
Mary Szela
Attorney-in-Fact

WARRANT CERTIFICATE

THIS WARRANT CERTIFICATE AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS WARRANT CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR QUALIFIED UNDER ANY STATE OR FOREIGN SECURITIES LAWS AND MAY NOT BE OFFERED FOR SALE, SOLD, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED OR ASSIGNED UNLESS (I) A REGISTRATION STATEMENT COVERING THE OFFER AND SALE OF SUCH SECURITIES IS EFFECTIVE UNDER THE SECURITIES ACT AND IS QUALIFIED UNDER APPLICABLE STATE AND FOREIGN LAW OR (II) THE TRANSACTION IS EXEMPT FROM THE REGISTRATION AND PROSPECTUS DELIVERY REQUIREMENTS UNDER THE SECURITIES ACT AND THE QUALIFICATION REQUIREMENTS UNDER APPLICABLE STATE AND FOREIGN LAW AND, IN EACH CASE, IF THE COMPANY REQUESTS, AN OPINION SATISFACTORY TO THE COMPANY TO SUCH EFFECT HAS BEEN RENDERED BY COUNSEL.

Warrant Shares Issuable: 92,801 Common Shares

Issue Date: August 15, 2024 (Substitute Warrant Certificate #1 to Initial Certificate April 30, 2024)

FOR VALUE RECEIVED, TRISALUS LIFE SCIENCES, INC., a Delaware corporation (the "*Company*"), hereby certifies that ORBIMED ROYALTY & CREDIT OPPORTUNITIES IV, LP, a Delaware limited partnership (the "*Initial Holder*" and, together with its successors and permitted transferees and assigns, a "*Holder*") is entitled to purchase, at the per share Exercise Price, up to Ninety-Two Thousand Eight Hundred and One (92,801) fully paid and nonassessable Common Shares (as subject to adjustment hereunder, the "*Warrant Shares*"), all subject to the terms, conditions and adjustments set forth below in this Warrant Certificate. Certain capitalized terms used herein are defined in **Section 1**.

This Warrant Certificate is being issued as a Substitute Warrant Certificate as defined in and pursuant to the Assignment dated August 15, 2024, by and between OrbiMed Royalty & Credit Opportunities IV Offshore, LP and Initial Holder with respect to the Warrant Certificate issued April 30, 2024 (the "*Initial Certificate*"). The Initial Certificate was issued as a condition precedent to the making of loans under and pursuant to the Credit Agreement, dated as of April 30, 2024 (as amended or otherwise modified from time to time, the "*Credit Agreement*"), among TriSalus Operating Life Sciences, Inc., as borrower, the Company, the lenders party thereto, and OrbiMed Royalty & Credit Opportunities IV, LP, as the administrative agent.

Section 1. Definitions. Capitalized terms used in this Warrant Certificate but not defined herein have the meanings ascribed thereto in the Credit Agreement as in effect on the date hereof. The following terms when used herein have the following meanings:

"*Aggregate Exercise Price*" means, with respect to any exercise of this Warrant Certificate for Warrant Shares, an amount equal to the product of (i) the number of Warrant Shares in respect of which this Warrant Certificate is then being exercised pursuant to **Section 3**, multiplied by (ii) the Exercise Price.

“*Bloomberg*” has the meaning set forth within the definition of “VWAP”.

“*Cashless Exercise*” has the meaning set forth in **Section 3(b)**.

“*Charter*” means the Second Amended and Restated Certificate of Incorporation of the Company, as amended as of August 10, 2023.

“*Common Shares*” means the Company’s common stock, par value \$0.0001 per share.

“*Common Shares Deemed Outstanding*” means, at any given time, the sum of (i) the number of Common Shares actually outstanding at such time, plus (ii) the number of Common Shares issuable upon exercise of Options actually outstanding at such time, plus (iii) the number of Common Shares issuable upon conversion or exchange of Convertible Securities actually outstanding at such time (treating as actually outstanding any Convertible Securities issuable upon exercise of Options actually outstanding at such time), in each case, regardless of whether the Options or Convertible Securities are actually exercisable at such time; provided that Common Shares Deemed Outstanding at any given time shall not include shares owned or held by or for the account of the Company or any or its wholly owned subsidiaries.

“*Company*” has the meaning set forth in the preamble.

“*Convertible Securities*” means any Capital Securities that, directly or indirectly, are convertible into, exchangeable or settleable for Common Shares, including shares of the Company’s preferred stock that may be issued from time to time.

“*Credit Agreement*” has the meaning set forth in the preamble.

“*Determination Date*” has the meaning set forth in the definition of “VWAP”.

“*Exchange Act*” means the Securities Exchange Act of 1934, as amended.

“*Exercise Certificate*” has the meaning set forth in **Section 3(a)(i)**.

“*Exercise Date*” means, for any given exercise of this Warrant Certificate, whether in whole or in part, a Business Day on which the conditions to such exercise as set forth in **Section 3** shall have been satisfied at or prior to 5:00 p.m., New York City time, including, without limitation, the receipt by the Company of the Exercise Certificate.

“*Exercise Period*” means the period from (and including) the Issue Date to (and including) 5:00 p.m., New York City time, on the Expiration Date.

“*Exercise Price*” means \$9.5562, as adjusted from time to time pursuant to **Section 4**.

“*Expiration Date*” means April 30, 2031.

“**Fair Market Value**” means (i) if the Common Shares are traded on a Trading Market, the VWAP of such Common Shares for such day (provided that if the Fair Market Value is being determined in connection with a Sale of the Company, such Fair Market Value shall be the greater of the amount determined pursuant to this clause (i) and the closing price on the Trading Market on the Trading Day immediately prior to the closing date of the Sale of the Company) or (ii) if at any time the Common Shares are not listed, quoted or otherwise available for trading on any Trading Market (so that no Trading Day shall have occurred), or if VWAP cannot be calculated for the Common Shares for such day for any other reason, the “**Fair Market Value**” of such Common Shares shall be the fair market value per share of such Common Shares as determined jointly by the Company and the Holder; provided further, that, in the event the Company and Holder are unable to so mutually agree, Fair Market Value shall be determined pursuant to **Section 10(a)**.

“**Holder**” has the meaning set forth in the preamble.

“**Independent Advisor**” has the meaning set forth in **Section 10(a)**.

“**Initial Holder**” has the meaning set forth in the preamble.

“**Issue Date**” means the date designated as such on the first page of this Warrant Certificate.

“**Marketable Securities**” means equity securities meeting each of the following requirements: (i) the issuer thereof is subject to the reporting requirements of Section 13 or Section 15(d) of the Exchange Act, and is current in its filing of all required reports and other information under the Securities Act and the Exchange Act; (ii) such equity securities are traded on a Trading Market; and (iii) if delivered (or to be delivered) as payment or compensation to the Holder in connection with an automatic Cashless Exercise pursuant to **Section 3(c)**, following the closing of the related Sale of the Company, the Holder would not be restricted from publicly re-selling all of such equity securities delivered to it.

“**Nasdaq**” means The Nasdaq Stock Market LLC.

“**NYSE**” means the New York Stock Exchange.

“**Options**” means any warrants, options or similar rights to subscribe for or purchase Common Shares or Convertible Securities.

“**Original Issue Date**” means April 30, 2024.

“**OTC Bulletin Board**” means the Financial Industry Regulatory Authority, Inc. OTC Bulletin Board.

“**Pre-emptive Rights**” has the meaning set forth in **Section 12**.

“**Registration Statement**” means, in connection with any public offering of securities, any registration statement required pursuant to the Securities Act that covers the offer and sales of any such securities, including any prospectus, amendments or supplements to such Registration Statement, including post-effective amendments and all exhibits and all materials incorporated by reference in such Registration Statement.

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

“**Sale of the Company**” means a transaction pursuant to which (i) (x) any Person or group of Persons acting jointly or otherwise in concert (other than the Holder and any other parties to the Credit Agreement) acquires ownership, directly or indirectly, beneficially or of record, of Capital Securities of the Company having more than fifty percent (50%) of the aggregate economic interests and/or voting power, determined on a fully diluted basis, (y) any Person or group of Persons acting jointly or otherwise in concert (other than the Holder and any other parties to the Credit Agreement) acquires, by contract or otherwise, the right to appoint or elect a majority of the Company’s board of directors (the “**Board**”), or (z) all or substantially all of the assets of the Company and its Subsidiaries, taken as a whole, are sold, leased, exclusively licensed, transferred, conveyed or otherwise disposed of, and (ii) all Obligations outstanding under the Credit Agreement are to be paid in full in cash, whether pursuant to the terms of the transaction, pursuant to the terms of the Credit Agreement or otherwise.

“**SEC**” means the Securities and Exchange Commission or any successor thereto.

“**Share Distribution**” means any issuance or sale by the Company of any of its Common Shares, Options or Convertible Securities, other than in connection with a dividend or distribution to holders of its Common Shares of the type described in Section 4(c) below.

“**Share Reorganization**” has the meaning set forth in **Section 4(a)**.

“**Trading Day**” means, with respect to the Common Shares or any other Marketable Securities, a date on which the relevant Trading Market is open and conducting business.

“**Trading Market**” means, with respect to the Common Shares or any other Marketable Securities, the Nasdaq, the NYSE or the OTC Bulletin Board.

“**Unrestricted Conditions**” has the meaning set forth in **Section 11(a)(ii)**.

“**VWAP**” means, with respect to any Common Shares, as of any day of determination (a “**Determination Date**”), the volume weighted average sale price for the period of ten (10) consecutive Trading Days immediately preceding such Determination Date on the Trading Market for such Common Shares as reported by, or based upon data reported by, Bloomberg Financial Markets or an equivalent, reliable reporting service reasonably acceptable to the Holder and the Company (collectively, “**Bloomberg**”) or, if the volume weighted average sale price has not been reported for such security by Bloomberg for such ten (10) day period, then the simple average of the last closing trade prices of such security for such ten (10) day period, as reported by Bloomberg, or, if no last closing trade price is reported for such security by Bloomberg, the simple average of the bid prices of any market makers for such security that are listed in the over the counter market by the Financial Industry Regulatory Authority, Inc. or on the OTC Bulletin Board (or any successor) or in the “pink sheets” (or any successor) by the OTC Markets Group, Inc. over such ten (10) day period.

“**Warrant Certificate**” means this Warrant Certificate and all subsequent warrant certificates issued upon division, combination or transfer of, or in substitution for, this Warrant Certificate.

“**Warrant Register**” has the meaning set forth in **Section 5**.

“*Warrant Shares*” has the meaning set forth in the preamble.

Section 2. Term of Warrant Certificate. Subject to the terms and conditions hereof, from time to time during the Exercise Period, the Holder of this Warrant Certificate may exercise this Warrant Certificate for all or any part of the Warrant Shares purchasable hereunder (subject to adjustment as provided herein).

Section 3. Exercise of Warrant Certificate.

(a) **Exercise Procedure.** This Warrant Certificate may be exercised from time to time on any Business Day during the Exercise Period, for all or any part of the unexercised Warrant Shares, upon:

(i) delivery to the Company at its then registered office of a duly completed and executed Exercise Certificate in the form attached hereto as **Exhibit A** (each, an “*Exercise Certificate*”), which certificate will specify the number of Warrant Shares to be purchased and the Aggregate Exercise Price; and

(ii) simultaneously with the delivery of the Exercise Certificate, payment to the Company of the Aggregate Exercise Price in accordance with **Section 3(b)**.

(b) **Payment of the Aggregate Exercise Price.** Payment of the Aggregate Exercise Price shall be made, at the option of the Holder as set forth in the applicable Exercise Certificate, by any of the following methods:

(i) by wire transfer of immediately available funds to an account designated in writing by the Company, in the amount of such Aggregate Exercise Price;

(ii) by instructing the Company to withhold a number of Warrant Shares then issuable upon exercise of this Warrant Certificate with an aggregate Fair Market Value as of the Exercise Date equal to such Aggregate Exercise Price; or

(iii) any combination of the foregoing.

In the event of any withholding of Warrant Shares pursuant to **Section 3(b)(ii)** or **(iii)** (solely to the extent of such withholding, a “*Cashless Exercise*”) where the number of shares whose value is equal to the Aggregate Exercise Price is not a whole number, the number of shares withheld by the Company shall be rounded up to the nearest whole share and the Company shall make a cash payment to the Holder (by delivery of a certified or official bank check or by wire transfer of immediately available funds) based on the incremental fraction of a share being so withheld by the Company in an amount equal to the product of (x) such incremental fraction of a share being so withheld multiplied by (y) the Fair Market Value per Warrant Share as of the Exercise Date.

(c) **Automatic Cashless Exercise.** To the extent this Warrant Certificate has not been exercised in full by the Holder prior to the earlier of (i) the occurrence of the Expiration Date, and (ii) the date on which a Sale of the Company is consummated pursuant to which the sole consideration payable to the Company or its shareholders in respect of such sale transaction consists of cash, Marketable Securities or a combination thereof, any portion of this Warrant Certificate that remains unexercised on such date shall be deemed to have been exercised automatically pursuant to a Cashless Exercise, in whole (and not in part), on the Business Day immediately preceding such date; provided, that the automatic Cashless Exercise contemplated by this **Section 3(c)** shall not occur in the event that, as of the Business Day immediately preceding any such date described above, the per share Fair Market Value of a Warrant Share is less than the Exercise Price per Warrant Share, in which case, this Warrant Certificate shall automatically expire and be of no further force and effect as of the Expiration Date or immediately prior to the consummation of the Sale of the Company, as applicable.

To the extent permitted by applicable Law, for purposes of Rule 144, (i) the Warrant Shares issuable upon any exercise of this Warrant Certificate in any Cashless Exercise transaction shall be deemed to have been acquired on the Original Issue Date, and (ii) the holding period for any Warrant Shares issuable upon the exercise of this Warrant Certificate in any Cashless Exercise transaction shall be deemed to have commenced on the Original Issue Date; provided that the Company makes no representation or warranty regarding the commencement of the holding period of any Warrant Share.

(d) **Delivery of Stock Certificates.** With respect to any exercise of this Warrant Certificate by the Holder, upon receipt by the Company of an Exercise Certificate and delivery of the Aggregate Exercise Price, the Company shall, within five (5) Business Days, deliver in accordance with the terms hereof to or upon the order of the Holder that number of Warrant Shares for the portion of this Warrant Certificate so exercised on such date, together with cash in lieu of any fraction of a share to the extent the Company elects to do so pursuant to **Section 3(e)** below. If such Warrant Shares are issued in certificated form, the Company shall deliver a certificate or certificates, to the extent possible, representing the number of Warrant Shares as the Holder shall request in the Exercise Certificate. If such Warrant Shares are issued in uncertificated form, the Company shall deliver upon request a confirmation evidencing the registration of such shares. Unless otherwise provided herein, upon any exercise in accordance with the terms of this Warrant Certificate, this Warrant Certificate shall be deemed to have been exercised and such certificate or certificates of Warrant Shares shall be deemed to have been issued, and the Holder shall be deemed to have become a holder of record of such Warrant Shares for all purposes, as of the Exercise Date. Unless otherwise permitted by federal or state securities laws, rules or regulations, any share certificates issued pursuant to the exercise of this Warrant Certificate will bear a legend in substantially the form set out in **Section 11(a)(i)** below.

(e) **No Fractional Shares or Scrip.** No fractional or scrip representing fractional shares shall be issued upon the exercise of this Warrant Certificate. 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 Fair Market Value of one Warrant Share on the Exercise Date or round up to the next whole share.

(f) Surrender of this Warrant Certificate; Delivery of New Warrant Certificate.

(i) The Holder shall not be required to physically surrender this Warrant Certificate to the Company until this Warrant Certificate has been exercised in full by the Holder, in which case, the Holder shall, at the written request of the Company, surrender this Warrant Certificate to the Company for cancellation within three (3) Business Days after the date the final Exercise Certificate is delivered to the Company. Partial exercises of this Warrant Certificate resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares issuable hereunder by an amount equal to the applicable number of Warrant Shares that have been issued hereunder as a result of previous exercises or withheld in connection with any Cashless Exercises. The Holder and the Company shall maintain records showing the number of Warrant Shares issued and purchased, the date of such issuances and purchases and the number of Warrant Shares withheld in connection with any Cashless Exercises. The Holder and any assignee, by acceptance of this Warrant Certificate, acknowledge and agree that, by reason of the provisions of this **Section 3(f)**, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be fewer than the amount stated on the face hereof.

(ii) Notwithstanding the foregoing, to the extent that there are unexpired and unexercised Warrant Shares remaining under the Warrant Certificate, the Holder may request that the Company (and the Company shall), at the time of issuance of any Warrant Shares in accordance with **Section 3(d)** and the surrender of this Warrant Certificate, deliver to the Holder a new Warrant Certificate evidencing the rights of the Holder to subscribe for the unexpired and unexercised Warrant Shares called for by this Warrant Certificate. Unless otherwise agreed upon by the Holder in its sole discretion, such new Warrant Certificate shall in all other respects be identical to this Warrant Certificate.

(g) Valid Issuance of Warrant Certificate and Warrant Shares; Payment of Taxes. With respect to the exercise of this Warrant Certificate, the Company hereby represents, warrants, covenants and agrees as follows:

(i) This Warrant Certificate is, and any Warrant Certificate issued in substitution for or replacement of this Warrant Certificate shall be, upon issuance, duly authorized.

(ii) All Warrant Shares issuable upon the exercise of this Warrant Certificate (or any substitute or replacement Warrant Certificate) shall be, upon issuance, and the Company shall take all such actions as may be necessary or appropriate in order that such Warrant Shares are, validly issued, fully paid and non-assessable, issued without violation of any preemptive or similar rights of any shareholder of the Company and free and clear of all liens and charges (other than liens or charges created by the Holder, or created with regard to income taxes or other taxes payable by the Holder incurred in connection with the exercise of the Warrant or taxes in respect of any transfer made by the Holder occurring contemporaneously therewith).

(iii) The Company shall take all such actions as may be necessary to (x) comply with **Section 3(i)** below and (y) ensure that all such Warrant Shares are issued without violation by the Company of any applicable Law or any requirements of any foreign or domestic securities exchange upon which Warrant Shares may be listed at the time of such exercise.

(iv) The Company shall exclusively bear and pay all expenses in connection with, and all governmental charges, taxes, fees, levies, withholdings and all other such payments, that may be imposed on or with respect to, the issuance of this Warrant Certificate, and the issuance or delivery of Warrant Shares pursuant to the terms of this Warrant Certificate and the Holder shall not be affected by such payments, and the Company shall not be eligible to any indemnification for such payment from the Holder.

(v) The Company is a corporation duly organized and validly existing under the Laws of the State of Delaware and has the capacity and corporate power and authority to enter into this Warrant Certificate.

(vi) The Company has taken all action required to be taken to authorize the execution, delivery and performance of this Warrant Certificate.

(vii) This Warrant Certificate has been duly executed by the Company.

(viii) The obligations of the Company under this Warrant Certificate are legal, valid and binding obligations, enforceable against the Company in accordance with the terms hereof, except to the extent that enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting creditors' rights generally and by general equitable principles.

(ix) As of the Issue Date, the Company has complied with all obligations set forth in **Section 3(i)**, below.

(h) **Conditional Exercise.** Notwithstanding any other provision hereof, if an exercise of all or any portion of this Warrant Certificate is to be made in connection with a Sale of the Company, such exercise may, at the election of the Holder, be conditioned upon the consummation of such transaction, in which case such exercise shall not be deemed to be effective until immediately prior to the consummation of such transaction.

(i) **Reservation of Shares.** The Company shall at all times during the Exercise Period reserve and keep available out of its authorized but unissued Common Shares or (if applicable) other securities constituting Warrant Shares, solely for the purpose of issuance upon the exercise of this Warrant Certificate, the maximum number of Warrant Shares issuable upon the exercise of this Warrant Certificate. The Company shall not increase the par value of any Warrant Shares receivable upon the exercise of this Warrant Certificate above the Exercise Price then in effect, and shall take all such actions within its power as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant Certificate.

(j) **Rule 144 Compliance.** With a view to making available to the Holder the benefits of Rule 144 and any other rule or regulation of the SEC that may at any time permit a holder to sell securities of the Company to the public without registration or pursuant to a Registration Statement, the Company shall, during the Exercise Period while any portion of this Warrant Certificate remains unexercised:

(i) use commercially reasonable efforts to make and keep adequate public information available, as required by clause (c) of Rule 144;

(ii) use commercially reasonable efforts to file with the SEC in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act (excluding, for avoidance of doubt, any prospectus or registration statement which the Company is under no obligation to file); and

(iii) furnish, or otherwise make available to the Holder so long as the Holder owns Warrant Shares, promptly upon request, a written statement by the Company as to its compliance with the reporting requirements of Rule 144 and the Exchange Act, a copy of the most recent annual or quarterly report of the Company, and such other reports and documents so filed or furnished by the Company with the SEC under the Exchange Act or Securities Act as the Holder may reasonably request in connection with the sale of Common Shares without registration.

(k) **Ownership Cap.** The Company shall not knowingly effect the exercise of this Warrant Certificate, and the Holder shall not have the right to exercise this Warrant Certificate to the extent that, after giving effect to such exercise, the Holder (together with its Affiliates) would beneficially own in excess of 9.99% of the Common Shares of the Company immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of Common Shares owned by the Holder and its Affiliates shall include the number of Warrant Shares issuable upon exercise of this Warrant Certificate with respect to which the determination of such aggregate number is being made, but shall exclude Common Shares (if any) that would be issuable upon (i) exercise of the remaining, unexercised portion of this Warrant Certificate beneficially owned by the Holder and its Affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other Capital Securities of the Company beneficially owned by the Holder and its Affiliates (including, without limitation, any Convertible Securities) subject to a limitation on conversion or exercise analogous to the limitations contained herein. Except as set forth in the preceding sentence, for purposes of this **Section 3(k)**, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act. For purposes of this Warrant Certificate, in determining the number of outstanding Common Shares, the Holder of this Warrant Certificate may rely on the number of such outstanding Capital Securities as reflected in the most recent of (i) the Company's Form 10-K, Form 10-Q or other public filing with the SEC, as the case may be, if available, (ii) a more recent public announcement by the Company, or (iii) any other notice by the Company or its transfer agent setting forth the number of outstanding Common Shares. In addition, upon the written request of the Holder (but not more than once during any calendar quarter), the Company shall, within three (3) Business Days, confirm to the Holder the number of its outstanding Common Shares. Furthermore, upon the written request of the Company (but not more than once during any calendar quarter), the Holder shall promptly confirm to the Company its then current beneficial ownership with respect to the Company's Common Shares.

(l) Except as expressly provided herein with respect to cash payments in lieu of the issuance of fractional shares, and without regard to any exchange of consideration in connection with an automatic Cashless Exercise pursuant to **Section 3(e)** above or similar event, upon exercise of this Warrant Certificate the Holder shall not otherwise be entitled to receive cash or Warrant Shares that are registered under the Securities Act.

Section 4. Adjustment to Number of Warrant Shares, Exercise Price, etc. The number of Warrant Shares issuable upon exercise of this Warrant Certificate shall be subject to adjustment from time to time as provided in this **Section 4**.

(a) **Adjustment to Number of Warrant Shares Upon Reorganizations, Reclassifications, etc.** In the event of any changes in the outstanding Common Shares of the Company by reason of redemptions, recapitalizations, reclassifications, combinations or exchanges of shares, splits or reverse splits, separations, reorganizations, liquidations, substitutions, replacements or the like (any of the foregoing or combination thereof being a “*Share Reorganization*”), the number and class of Warrant Shares available upon exercise of this Warrant Certificate in the aggregate and the Exercise Price shall be correspondingly adjusted to give the Holder of this Warrant Certificate, on exercise for the same Aggregate Exercise Price, the total number, class, and kind of shares as the Holder would have owned had this Warrant Certificate been exercised prior to any such event and had the Holder continued to hold such Warrant Shares until after the event requiring adjustment. The form of this Warrant Certificate need not be changed because of any adjustment in the number of Warrant Shares subject to this Warrant Certificate.

(b) **Adjustment to Exercise Price Upon a Share Distribution.** Subject to **clause (iii)** below, if the Company consummates or effects any Share Distribution for a price per Common Share less than the Exercise Price then in effect, then, effective upon such Share Distribution, the Exercise Price shall be reduced to a price determined by multiplying the Exercise Price then in effect by a fraction, the numerator of which shall be the sum of (A) the number of Common Shares Deemed Outstanding immediately prior to such Share Distribution multiplied by the Exercise Price then in effect, plus (B) the consideration, if any, received by the Company upon such Share Distribution, and the denominator of which shall be the product of (1) the total number of Common Shares Deemed Outstanding immediately after such Share Distribution multiplied by (2) the Exercise Price in effect immediately prior to such Share Distribution. For purposes of this **Section 4(b)**:

(i) In the event Options or Convertible Securities are included in any such Share Distribution, the price per Common Share deemed to have been issued or sold as a result of the sale or issuance of such Options or Convertible Securities, shall be equal to the price per Common Share for which Common Shares are issuable upon the exercise of such Options or upon conversion or exchange of such Convertible Securities, as the case may be (determined by dividing (x) the aggregate amount, if any, received or receivable by the Company as consideration for the issuance, sale, distribution or grant of all such Options or Convertible Securities, plus the minimum aggregate amount of additional consideration payable to the Company, if any, upon the exercise of all such Options or the conversion or exchange of all such Convertible Securities (as the case may be), by (y) the total maximum number of Common Shares issuable upon the exercise of all such Options or upon the conversion or exchange of all such Convertible Securities (without, in each case, giving effect to any anti-dilution provisions included in such Options or Convertible Securities that are not applicable at the time of the applicable price per Common Share calculations)).

(ii) The provisions of this **Section 4(b)** shall not in any event operate to increase the Exercise Price.

(iii) This **Section 4(b)** shall not apply to any of the following:

- (A) Any issuance, sale or other distribution of Common Shares, Options or Convertible Securities pursuant to (i) any Share Reorganization, which shall instead be governed by **Section 4(a)** above, or (ii) any dividend or distribution to holders of Common Shares, which shall instead be governed by **Section 4(c)** below.
- (B) The issuance of Common Shares upon exercise or conversion of any Options or Convertible Securities included in the Common Shares Deemed Outstanding as of the Original Issue Date.
- (C) The grant or issuance of Common Shares, Options or Convertible Securities to board members, officers, employees, consultants or other service providers of the Company pursuant to any employee incentive plan, employee share purchase plan or similar equity-based benefit plans (including any inducement award granted in accordance with the Nasdaq Listing Rules) approved by the Company's Board or duly authorized committee thereof; provided that the total number of securities issued under this sub-clause for a price per share less than the Exercise Price shall not constitute more than five percent (5.0%) of the total number of Common Shares Deemed Outstanding at any time.

(c) **Adjustment to Number of Warrant Shares Upon Dividends, Distributions, etc.** If the Company declares or pays a dividend or distribution on its outstanding Common Shares payable in cash, Capital Securities or other property, the Holder shall be entitled to receive, at the time such dividend or distribution is paid, without additional cost to the Holder, the total number and kind of cash, Capital Securities or other property which the Holder would have received had the Holder owned the Warrant Shares of record as of the date such dividend or distribution was paid.

(d) **Certificate as to Adjustment.**

(i) As promptly as reasonably practicable following any change or adjustment of the type described above in this **Section 4**, but in any event not later than ten (10) Business Days thereafter, the Company shall furnish to the Holder a certificate of an Authorized Officer setting forth in reasonable detail such adjustment and the facts upon which it is based and certifying the calculation thereof.

(ii) As promptly as reasonably practicable following the receipt by the Company of a written request by the Holder, but in any event not later than ten (10) Business Days thereafter, the Company shall furnish to the Holder a certificate of an Authorized Officer certifying the number of Warrant Shares or the amount, if any, of other shares, securities or assets then issuable upon exercise of the Warrant Certificate.

(e) **Notices.** In the event that, at any time during the Exercise Period the Company shall take a record of the holders of its outstanding Common Shares (or other Capital Securities at the time issuable upon exercise of this Warrant Certificate) for the purpose of:

(i) entitling or enabling such holders to receive any dividend or other distribution, to receive any right to subscribe for or purchase any shares of any class or any other securities, or to receive any other security;

(ii) (x) any capital reorganization of the Company, any reclassification of any outstanding securities, any consolidation or merger of the Company with or into another Person, or (y) a Sale of the Company; or

(iii) the voluntary or involuntary dissolution, liquidation or winding-up bankruptcy or similar event involving the Company;

then, and in each such case, the Company shall send or cause to be sent to the Holder at least ten (10) Business Days prior to the applicable record date or the applicable expected effective date, as the case may be, for the event, a written notice specifying, as the case may be, (A) the record date for such dividend, distribution or other right or action, and a description of such dividend, distribution or other right or action, or (B) the effective date on which such reorganization, reclassification, consolidation, merger, Sale of the Company, dissolution, liquidation, winding-up or bankruptcy is proposed to take place, and the date, if any is to be fixed, as of which the books of the Company shall close or a record shall be taken with respect to which the holders of record of its Common Shares (or such other Capital Securities at the time issuable upon exercise of the Warrant Certificate) shall be entitled to exchange their Common Shares (or such other Capital Securities), for securities or other property deliverable upon such reorganization, reclassification, consolidation, merger, Sale of the Company, dissolution, liquidation, winding-up or bankruptcy, and the amount per share and character of such exchange applicable to the Warrant Certificate and the Warrant Shares. The above notwithstanding, the Company shall not be required to provide the Holder with notice containing such information if the Company reasonably believes that it constitutes material non-public information, unless the Holder (i) confirms to the Company in writing that it consents to receive such information, and (ii) executes a customary market standstill or equivalent agreement pursuant to which the Holder will agree not to trade in the Company's Common Shares or other Capital Securities while in possession of such material non-public information or until such information is no longer material or non-public.

Section 5. Warrant Register. The Company shall keep and properly maintain at its principal executive offices a register (the "**Warrant Register**") for the registration of this Warrant Certificate and any transfers thereof. The Company may deem and treat the Person in whose name this Warrant Certificate is registered on such register as the Holder thereof for all purposes, and the Company shall not be affected by any notice to the contrary, except any assignment, division, combination or other transfer of this Warrant Certificate effected in accordance with the provisions of this Warrant Certificate.

Section 6. Registration Rights. The Holder is entitled to the benefit of certain registration rights with respect to the Warrant Shares as provided in the Registration Rights Agreement, dated as of April 30, 2024, by and between the Company and the Initial Holder (the "**Registration Rights Agreement**"), and any subsequent Holder hereof shall be entitled to such rights to the extent provided in the Registration Rights Agreement. If the Company fails to cause any Registration Statement covering applicable "Registrable Securities" (as that term is defined in the Registration Rights Agreement) to be declared effective prior to the applicable dates set forth therein, or if any of the events specified in Section 2(b) of the Registration Rights Agreement occurs, and the Suspension Period (as that term is defined in the Registration Rights Agreement) (whether alone, or in combination with any other Suspension Period) continues for more than 30 consecutive days, or for more than a total of 60 days, in each case in any 360-day period, then the Expiration Date of this Warrant Certificate shall be extended one day for each day beyond the applicable dates for effectiveness of the Registration Statement that such Registration Statement has not been declared effective by the SEC or the 30-day or 60-day limits, as the case may be, that the Suspension Period continues.

Section 7. Transfer of Warrant Certificate. Subject to **Section 11** hereof, this Warrant Certificate and all rights hereunder are transferable, in whole or in part, by the Holder without charge to the Holder, upon surrender of this Warrant Certificate to the Company at its then principal executive offices with a properly completed and duly executed Assignment in the form attached hereto as **Exhibit B**. Upon such compliance, surrender and delivery, the Company shall execute and deliver a new Warrant Certificate or Warrant Certificates in the name of the assignee or assignees and in the denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant Certificate evidencing the portion of this Warrant Certificate, if any, not so assigned, and this Warrant Certificate shall promptly be cancelled.

Section 8. The Holder Not Deemed a Shareholder; Limitations on Liability. Except as otherwise specifically provided herein (including in **4(c)** above and **Section 12** below), (i) prior to the Exercise Date, the Holder shall not be entitled to receive dividends, nor shall anything contained in this Warrant Certificate be construed to confer upon the Holder, as such, any of the rights of a shareholder of the Company or any right to receive dividends or subscription rights, and (ii) prior to the registration of the Holder in the share register of the Company with respect to the Warrant Shares to which the Holder is then entitled to receive upon the due exercise of this Warrant Certificate, the Holder shall not be entitled to vote, nor shall anything contained in this Warrant Certificate be construed to confer upon the Holder, as such, any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of shares, reclassification of shares, consolidation, merger, conveyance or otherwise) or receive notice of meetings. In addition, nothing contained in this Warrant Certificate shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant Certificate or otherwise) or as a shareholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this **Section 8**, the Company shall provide the Holder with copies of the same notices and other information given to all shareholders of the Company generally, contemporaneously with the giving thereof to such shareholders, unless such notice or information had been made publicly available on the SEC's EDGAR system website.

Section 9. Replacement on Loss; Division and Combination.

(a) **Replacement of Warrant Certificate on Loss.** Subject to any further requirements in relation to the cancellation of this Warrant Certificate pursuant to applicable Laws, upon receipt of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant Certificate and upon delivery of an indemnity reasonably satisfactory to it (it being understood that a written indemnification agreement or affidavit of loss of the Holder shall be a sufficient indemnity) and, in case of mutilation, upon surrender of such Warrant Certificate for cancellation to the Company, the Company at its own expense shall execute and deliver to the Holder, in lieu hereof, a new Warrant Certificate of like tenor and exercisable for an equivalent number of Warrant Shares as this Warrant Certificate so lost, stolen, mutilated or destroyed; *provided* that, in the case of mutilation, no indemnity shall be required if this Warrant Certificate in identifiable form is surrendered to the Company for cancellation.

(b) **Division and Combination of Warrant Certificate.** Subject to compliance with the applicable provisions of this Warrant Certificate as to any transfer or other assignment which may be involved in such division or combination, this Warrant Certificate may be divided or, following any such division of this Warrant Certificate, subsequently combined with other Warrant Certificates, upon the surrender of this Warrant Certificate or Warrant Certificates to the Company at its then principal executive offices, together with a written notice specifying the names and denominations in which new Warrant Certificates are to be issued, signed by each applicable Holder or its agents or attorneys. Subject to compliance with the applicable provisions of this Warrant Certificate as to any transfer or assignment which may be involved in such division or combination, the Company shall at its own expense execute and deliver a new Warrant Certificate or Warrant Certificates in exchange for this Warrant Certificate or Warrant Certificates so surrendered in accordance with such notice. Such new Warrant Certificate or Warrant Certificates shall be of like tenor to the surrendered Warrant Certificate or Warrant Certificates and shall be exercisable in the aggregate for an equivalent number of Warrant Shares as this Warrant Certificate or Warrant Certificates so surrendered in accordance with such notice.

Section 10. Disputes; No Impairment, etc. The parties hereto agree as follows:

(a) **Disputes.** In the event of any dispute which arises between the Holder and the Company (including the Board) with respect to the calculation or determination of Fair Market Value, VWAP, the adjusted Exercise Price, the number of Warrant Shares, other Capital Securities, cash or other property issuable upon exercise of this Warrant Certificate, the amount or type of consideration due to the Holder in connection with any event, transaction or other matter described in **Section 4** above or any other matter involving this Warrant Certificate or the Warrant Shares that is not resolved by the parties after good faith discussions and efforts to reach resolution, upon the request of the Holder the disputed issue(s) shall be submitted to a firm of independent investment bankers or public accountants of recognized national standing, which (i) shall be chosen by the Company and be reasonably satisfactory to the Holder and (ii) shall be completely independent of the Company (an “*Independent Advisor*”), for determination, and such determination by the Independent Advisor shall be binding upon the Company and the Holder with respect to this Warrant, any Warrant Shares issued in connection herewith or the matter in dispute, as the case may be, absent manifest error. Costs and expenses of the Independent Advisor shall be paid by the Company.

(b) **Equitable Equivalent.** In case any event shall occur as to which the provisions of **Section 10(a)** above are not strictly applicable but the failure to make any adjustment would not, in the reasonable, good faith opinion of the Holder, fairly protect the rights and benefits of the Holder represented by this Warrant Certificate in accordance with the essential intent and principles of **Section 10(a)**, then, in any such case, at the request of the Holder, the Company shall submit the matter and issues raised by the Holder to an Independent Advisor, which shall give its opinion upon the adjustment, if any, on a basis consistent with the essential intent and principles established in **Section 10(a)**, to the extent necessary to preserve, without dilution, the rights and benefits represented by this Warrant Certificate. Upon receipt of such opinion, the Company will promptly mail a copy thereof to the Holder and shall make the adjustments described therein, if any. Costs and expenses of the Independent Advisor shall be shared 50/50 by the Company and the Holder.

(c) **No Avoidance.** The Company shall not, by way of amendment of any of its Charter or other Organic Documents or through any consolidation, merger, reorganization, transfer of assets, 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 Warrant Certificate, and will at all times in good faith assist in the carrying out of all such terms.

Section 11. Compliance with the Securities Act.

(a) **Agreement to Comply with the Securities Act, etc.**

(i) **Legend.** The Holder, by acceptance of this Warrant Certificate, agrees to comply in all respects with the provisions of this **Section 11** and the restrictive legend requirements set forth on the face of this Warrant Certificate and further agrees that it shall not offer, sell or otherwise dispose of this Warrant Certificate or any Warrant Shares to be issued upon exercise hereof except under circumstances that will not result in a violation of the Securities Act. Subject to **clause (ii)** below, this Warrant Certificate and all Warrant Shares issued upon exercise of this Warrant Certificate (unless registered under the Securities Act) shall be stamped or imprinted with a legend in substantially the following form:

“THIS WARRANT CERTIFICATE AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS WARRANT CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), OR QUALIFIED UNDER ANY STATE OR FOREIGN SECURITIES LAWS AND MAY NOT BE OFFERED FOR SALE, SOLD, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED OR ASSIGNED UNLESS (I) A REGISTRATION STATEMENT COVERING THE OFFER AND SALE OF SUCH SECURITIES IS EFFECTIVE UNDER THE SECURITIES ACT AND IS QUALIFIED UNDER APPLICABLE STATE AND FOREIGN LAW OR (II) THE TRANSACTION IS EXEMPT FROM THE REGISTRATION AND PROSPECTUS DELIVERY REQUIREMENTS UNDER THE SECURITIES ACT AND THE QUALIFICATION REQUIREMENTS UNDER APPLICABLE STATE AND FOREIGN LAW AND, IN EACH CASE, IF THE COMPANY REQUESTS, AN OPINION SATISFACTORY TO THE COMPANY TO SUCH EFFECT HAS BEEN RENDERED BY COUNSEL.”

(ii) **Removal of Restrictive Legends.** Neither this Warrant Certificate nor any Warrant Shares issuable or deliverable under or in connection with this Warrant Certificate shall contain any legend restricting the transfer thereof (including the legend set forth above in **clause (i)**) in any of the following circumstances: (A) following any sale of this Warrant Certificate or any Warrant Shares issued or delivered to the Holder under or in connection here with pursuant to Rule 144, (B) if this Warrant Certificate or the Warrant Shares are, and with respect to clause (i)(2) of Rule 144 will continue to be, eligible for sale under clause (b)(1) of Rule 144, or (C) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the SEC) (collectively, the “*Unrestricted Conditions*”). If any of the Unrestricted Conditions are met at the time of issuance of the Warrant Shares, to the reasonable satisfaction of the Company’s counsel, the Warrant Shares shall be issued free of all legends.

(iii) **Replacement Warrant Certificate.** The Company agrees that at such time as the Unrestricted Conditions have been satisfied it shall promptly (but in any event within ten (10) Business Days) following written request from the Holder issue a replacement Warrant Certificate or replacement Warrant Shares, as the case may be, free of all restrictive legends.

(iv) **Sale of Unlegended Shares.** The Holder agrees that the removal of the restrictive legend from this Warrant Certificate and any certificates representing securities as set forth in **Section 11(a)(ii)** above is predicated upon the Company’s reliance that the Holder will sell this Warrant Certificate or any such securities pursuant to either an effective Registration Statement or otherwise pursuant to the requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if such securities are sold pursuant to a Registration Statement, they will be sold in compliance with the plan of distribution set forth therein.

(b) **Representations of the Holder.** In connection with the issuance of this Warrant Certificate, the Holder represents, as of the Issue Date, to the Company by acceptance of this Warrant Certificate as follows:

(i) The Holder is an “accredited investor” as defined in Rule 501 of Regulation D promulgated under the Securities Act. The Holder is acquiring this Warrant Certificate and the Warrant Shares to be issued upon exercise hereof for investment for its own account and not with a view towards, or for resale in connection with, the public sale or distribution of this Warrant Certificate or the Warrant Shares, except pursuant to sales registered or exempted under the Securities Act.

(ii) The Holder understands and acknowledges that this Warrant Certificate and the Warrant Shares to be issued upon exercise hereof are “restricted securities” under the Securities Act inasmuch as they are being acquired from the Company in a transaction not involving a public offering and that, under such Laws and applicable regulations, such securities may be resold without registration under the Securities Act only in certain limited circumstances. In addition, the Holder represents that it is familiar with Rule 144, as presently in effect, and understands the resale limitations imposed thereby and by the Securities Act.

(iii) The Holder acknowledges that it can bear the economic and financial risk of its investment for an indefinite period and has such knowledge and experience in financial or business matters that it is capable of evaluating the merits and risks of the investment in this Warrant Certificate and the Warrant Shares. The Holder has had an opportunity to ask questions and receive answers from the Company regarding the terms and conditions of the offering of this Warrant Certificate and the business, properties, prospects and financial condition of the Company.

Section 12. Pre-Emptive Rights. In addition to any adjustments pursuant to **Section 4** above, if at any time the Company grants, issues, offers or sells (i) any Common Shares or (ii) any Options, Convertible Securities or rights to purchase shares, warrants, securities or other property, in each case pro rata to the record holders of Common Shares (the “*Pre-emptive Rights*”), then the Holder shall be entitled to (but shall not be obligated to) acquire, upon the same terms applicable to such Pre-emptive Rights, the aggregate Pre-emptive Rights which the Holder would have acquired if the Holder had held the number of Warrant Shares acquirable upon complete exercise of this Warrant Certificate immediately before the date on which a record is taken for the grant, issuance, offer or sale of such Pre-emptive Rights, or, if no such record is taken, the date as of which the record holders of Common Shares are to be determined for the grant, issue, offer or sale of such Pre-emptive Rights.

Section 13. Notices. All notices, requests, consents, claims, demands, waivers and other communications hereunder shall be in writing and shall be deemed to have been given: (i) when delivered by hand (with written confirmation of receipt); (ii) when received by the addressee if sent by a nationally recognized overnight courier (receipt requested); (iii) on the date sent by e-mail of a PDF document (with confirmation of transmission) if sent during normal business hours of the recipient, and on the next Business Day if sent after normal business hours of the recipient, in each case provided that sender did not receive an automated failed delivery notification; or (iv) on the third day after the date mailed, by certified or registered mail, return receipt requested, postage prepaid. Such communications must be sent to the respective parties at the addresses indicated below (or at such other address for a party as shall be specified in a notice given in accordance with this **Section 13**).

If to the Company: TriSalus Life Sciences, Inc.
6272 West 91st Avenue
Westminster, CO 80031
Attn: Sean Murphy
Email: sean.murphy@trisaluslifesci.com

with a copy to (which shall not qualify as notice to any party hereto):

Cooley LLP
10265 Science Center Drive
San Diego, CA 92121
Attn: Matt Browne; Carlos Ramirez
Email: mbrowne@cooley.com; cramirez@cooley.com

If to the Holder:

OrbiMed Royalty & Credit Opportunities IV, LP
c/o OrbiMed Advisors LLC
601 Lexington Avenue, 54th Floor
New York, NY 10022
Attention: Matthew Rizzo; OrbiMed Credit Report
Email: RizzoM@OrbiMed.com; ROSCreditops@orbimed.com

with a copy to (which shall not qualify as notice to any party hereto):

Covington & Burling LLP
The New York Times Building
620 Eighth Avenue
New York, NY 10018
Attention: Peter Schwartz; Jennifer Uren
Email: pschwartz@cov.com; juren@cov.com

Section 14. Cumulative Remedies. Except to the extent expressly provided in **Section 10** to the contrary, the rights and remedies provided in this Warrant Certificate are cumulative and are not exclusive of, and are in addition to and not in substitution for, any other rights or remedies available under applicable Laws, in equity or otherwise.

Section 15. Entire Agreement. This Warrant Certificate constitutes the sole and entire agreement of the parties to this Warrant Certificate with respect to the subject matter contained herein and supersedes all prior and contemporaneous understandings and agreements, both written and oral, with respect to such subject matter.

Section 16. Successors and Assigns. This Warrant Certificate and the rights evidenced hereby (including under **Section 6**) shall be binding upon and shall inure to the benefit of the parties hereto and the successors of the Company and the successors and permitted assigns of the Holder. Such successor or permitted assign of the Holder shall be deemed to be the “Holder” for all purposes hereunder.

Section 17. No Third-Party Beneficiaries. This Warrant Certificate is for the sole benefit of the Company and the Holder and their respective successors and, in the case of the Holder, permitted assigns, and nothing herein, express or implied, is intended to or shall confer upon any other Person any legal or equitable right, benefit or remedy of any nature whatsoever, under or by reason of this Warrant Certificate.

Section 18. Headings. The headings in this Warrant Certificate are for reference only and shall not affect the interpretation of this Warrant Certificate.

Section 19. Amendment and Modification; Waiver. Except as otherwise provided herein, this Warrant Certificate may only be amended, modified or supplemented by an agreement in writing signed by each party hereto. No waiver by the Company or the Holder of any of the provisions hereof shall be effective unless explicitly set forth in writing and signed by the party so waiving. No waiver by any party shall operate or be construed as a waiver in respect of any failure, breach or default not expressly identified by such written waiver, whether of a similar or different character, and whether occurring before or after that waiver. No failure to exercise, or delay in exercising, any rights, remedy, power or privilege arising from this Warrant Certificate shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

Section 20. Severability. If any term or provision of this Warrant Certificate is invalid, illegal or unenforceable in any jurisdiction, such invalidity, illegality or unenforceability shall not affect any other term or provision of this Warrant Certificate or invalidate or render unenforceable such term or provision in any other jurisdiction.

Section 21. Governing Law. This Warrant Certificate shall be governed by and construed in accordance with the internal Laws of the State of New York without effect to any choice or conflict of Laws provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of Laws of any jurisdiction other than those of the State of New York.

Section 22. Submission to Jurisdiction; Waiver of Jury Trial. Except as provided in **Section 10**:

(a) Any legal suit, action or proceeding arising out of or based on this Warrant Certificate or the transactions contemplated hereby may be instituted in the federal courts of the United States or the courts of the State of New York, in each case located in the city and county of New York. Each party irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action or proceeding. Service of process, summons, notice or other document by certified or registered mail to such party's address set forth in **Section 13** shall be effective service of process for any suit, action or other proceeding, and the parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or other proceeding in such courts and irrevocably waive and agree not to plead or claim in any such court that any such suit, action or proceeding has been brought in an inconvenient forum.

(b) EACH PARTY ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY WHICH MAY ARISE UNDER THIS WARRANT CERTIFICATE IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES, AND THEREFORE EACH SUCH PARTY HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT SUCH PARTY MAY HAVE TO A TRIAL BY JURY WITH RESPECT TO ANY LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS WARRANT CERTIFICATE. EACH PARTY CERTIFIES AND ACKNOWLEDGES THAT (i) NO REPRESENTATIVE, AGENT OR ATTORNEY OF THE OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER, (ii) SUCH PARTY UNDERSTANDS AND HAS CONSIDERED THE IMPLICATIONS OF THIS WAIVER, (iii) SUCH PARTY MAKES THIS WAIVER VOLUNTARILY, AND (iv) SUCH PARTY HAS BEEN INDUCED TO ENTER INTO THIS WARRANT CERTIFICATE AND EACH ANCILLARY AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION.

Section 23. Counterparts. This Warrant Certificate may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Warrant Certificate delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Warrant Certificate.

Section 24. No Strict Construction. This Warrant Certificate shall be construed without regard to any presumption or rule requiring construction or interpretation against the party drafting an instrument or causing any instrument to be drafted.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Company has duly executed this Warrant Certificate on the Issue Date.

TRISALUS LIFE SCIENCES, INC.

By: /s/ Sean Murphy

Name: Sean Murphy

Title: Chief Financial Officer

[Signature Page to Warrant Certificate]

Accepted and agreed,

**ORBIMED ROYALTY & CREDIT
OPPORTUNITIES IV, LP**

By: OrbiMed ROF IV LLC,
its General Partner

By OrbiMed Advisors LLC,
its Managing Member

By: /s/ Matthew Rizzo

Name: Matthew Rizzo

Title: Member

[Signature Page to Warrant Certificate]

FORM OF EXERCISE CERTIFICATE

(To be signed only upon exercise of Warrant Certificate)

To: TriSalus Life Sciences, Inc.
[Address]
Attention: [●]

The undersigned, as holder of a right to purchase Warrant Shares (as defined in the Warrant Certificate) of TriSalus Life Sciences, Inc., a Delaware corporation (the “*Company*”), pursuant to that certain Warrant Certificate of the Company, dated as of August 15, 2024 (the “*Warrant Certificate*”), a copy of which is attached to this Exercise Certificate, hereby irrevocably elects to exercise the purchase right represented by such Warrant Certificate for, and to purchase thereunder, [_____] (_____) Warrant Shares of the Company and herewith makes payment with this Exercise Certificate of the Aggregate Exercise Price therefor by the following method:

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(i)**.

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(ii)**.

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(iii)**.

Unless otherwise defined herein, capitalized terms have the meanings provided in the Warrant Certificate.

DATED: _____

[HOLDER]

By _____
Name:
Title:

FORM OF ASSIGNMENT

[DATE OF ASSIGNMENT]

THE UNDERSIGNED, [NAME OF HOLDER], is the holder (in such capacity, the “**Holder**”) of a warrant certificate issued by TriSalus Life Sciences, Inc., a Delaware corporation (the “**Warrant Certificate**” and the “**Company**”, respectively), entitling the Holder to purchase up to [_____] Warrant Shares (as defined in the Warrant Certificate). Unless otherwise defined, capitalized terms used herein have the meanings ascribed thereto in the Warrant Certificate.

FOR VALUE RECEIVED, the Holder hereby sells, assigns and transfers to [NAME OF ASSIGNEE] (the “**Assignee**”) the right to acquire [all Warrant Shares entitled to be purchased upon exercise of the Warrant Certificate] [_____] of the Warrant Shares entitled to be purchased upon exercise of the Warrant Certificate]. In furtherance of the foregoing assignment, the Holder hereby irrevocably instructs the Company to (i) memorialize such assignment on the Warrant Register as required pursuant to **Section 5** of the Warrant Certificate, and (ii) pursuant to **Section 7** of the Warrant Certificate, execute and deliver to the Assignee [and the Holder][a new Warrant Certificate][new Warrant Certificates] reflecting the foregoing assignment ([each] a “**Substitute Warrant Certificate**”).

The Assignee acknowledges and agrees that its Substitute Warrant Certificate and the Warrant Shares to be issued upon exercise thereof are being acquired for investment and that the Assignee will not offer, sell or otherwise dispose of its Substitute Warrant Certificate or any Warrant Shares to be issued upon exercise or conversion thereof except under circumstances which will not result in a violation of the Securities Act or any applicable state securities laws. The Assignee represents and warrants for the benefit of the Company that the Assignee is an “accredited investor” within the meaning of Rule 501 of Regulation D promulgated under the Securities Act.

To the extent required pursuant to **Section 11(a)** of the Warrant Certificate, the Assignee acknowledges and agrees that a restrictive legend shall be applied to the Assignee’s Substitute Warrant Certificate and the Warrant Shares issuable upon exercise of such certificate substantially consistent with the legend set forth in **Section 11(a)(i)**.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto agree as set forth above as of the date first written above.

[HOLDER]

By _____
Name:
Title:

Accepted and agreed,

[NAME OF ASSIGNEE]

By _____
Name:
Title:

Exhibit B-2

WARRANT CERTIFICATE

THIS WARRANT CERTIFICATE AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS WARRANT CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR QUALIFIED UNDER ANY STATE OR FOREIGN SECURITIES LAWS AND MAY NOT BE OFFERED FOR SALE, SOLD, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED OR ASSIGNED UNLESS (I) A REGISTRATION STATEMENT COVERING THE OFFER AND SALE OF SUCH SECURITIES IS EFFECTIVE UNDER THE SECURITIES ACT AND IS QUALIFIED UNDER APPLICABLE STATE AND FOREIGN LAW OR (II) THE TRANSACTION IS EXEMPT FROM THE REGISTRATION AND PROSPECTUS DELIVERY REQUIREMENTS UNDER THE SECURITIES ACT AND THE QUALIFICATION REQUIREMENTS UNDER APPLICABLE STATE AND FOREIGN LAW AND, IN EACH CASE, IF THE COMPANY REQUESTS, AN OPINION SATISFACTORY TO THE COMPANY TO SUCH EFFECT HAS BEEN RENDERED BY COUNSEL.

Warrant Shares Issuable: 38,004 Common Shares

Issue Date: August 15, 2024 (Substitute Warrant Certificate #2 to Initial Certificate April 30, 2024)

FOR VALUE RECEIVED, TRISALUS LIFE SCIENCES, INC., a Delaware corporation (the "*Company*"), hereby certifies that ORBIMED ROYALTY & CREDIT OPPORTUNITIES IV OFFSHORE, LP, a Delaware limited partnership (together with its successors and permitted transferees and assigns, a "*Holder*") is entitled to purchase, at the per share Exercise Price, up to Thirty-Eight Thousand and Four (38,004) fully paid and nonassessable Common Shares (as subject to adjustment hereunder, the "*Warrant Shares*"), all subject to the terms, conditions and adjustments set forth below in this Warrant Certificate. Certain capitalized terms used herein are defined in **Section 1**.

This Warrant Certificate is being issued as a Substitute Warrant Certificate as defined in and pursuant to the Assignment dated August 15, 2024, by and between OrbiMed Royalty & Credit Opportunities IV, LP (the "*Initial Holder*") and Holder with respect to the Warrant Certificate issued April 30, 2024 (the "*Initial Certificate*"). The Initial Certificate was issued as a condition precedent to the making of loans under and pursuant to the Credit Agreement, dated as of April 30, 2024 (as amended or otherwise modified from time to time, the "*Credit Agreement*"), among TriSalus Operating Life Sciences, Inc., as borrower, the Company, the lenders party thereto, and OrbiMed Royalty & Credit Opportunities IV, LP, as the administrative agent.

Section 1. Definitions. Capitalized terms used in this Warrant Certificate but not defined herein have the meanings ascribed thereto in the Credit Agreement as in effect on the date hereof. The following terms when used herein have the following meanings:

"*Aggregate Exercise Price*" means, with respect to any exercise of this Warrant Certificate for Warrant Shares, an amount equal to the product of (i) the number of Warrant Shares in respect of which this Warrant Certificate is then being exercised pursuant to **Section 3**, multiplied by (ii) the Exercise Price.

“*Bloomberg*” has the meaning set forth within the definition of “VWAP”.

“*Cashless Exercise*” has the meaning set forth in **Section 3(b)**.

“*Charter*” means the Second Amended and Restated Certificate of Incorporation of the Company, as amended as of August 10, 2023.

“*Common Shares*” means the Company’s common stock, par value \$0.0001 per share.

“*Common Shares Deemed Outstanding*” means, at any given time, the sum of (i) the number of Common Shares actually outstanding at such time, plus (ii) the number of Common Shares issuable upon exercise of Options actually outstanding at such time, plus (iii) the number of Common Shares issuable upon conversion or exchange of Convertible Securities actually outstanding at such time (treating as actually outstanding any Convertible Securities issuable upon exercise of Options actually outstanding at such time), in each case, regardless of whether the Options or Convertible Securities are actually exercisable at such time; provided that Common Shares Deemed Outstanding at any given time shall not include shares owned or held by or for the account of the Company or any or its wholly owned subsidiaries.

“*Company*” has the meaning set forth in the preamble.

“*Convertible Securities*” means any Capital Securities that, directly or indirectly, are convertible into, exchangeable or settleable for Common Shares, including shares of the Company’s preferred stock that may be issued from time to time.

“*Credit Agreement*” has the meaning set forth in the preamble.

“*Determination Date*” has the meaning set forth in the definition of “VWAP”.

“*Exchange Act*” means the Securities Exchange Act of 1934, as amended.

“*Exercise Certificate*” has the meaning set forth in **Section 3(a)(i)**.

“*Exercise Date*” means, for any given exercise of this Warrant Certificate, whether in whole or in part, a Business Day on which the conditions to such exercise as set forth in **Section 3** shall have been satisfied at or prior to 5:00 p.m., New York City time, including, without limitation, the receipt by the Company of the Exercise Certificate.

“*Exercise Period*” means the period from (and including) the Issue Date to (and including) 5:00 p.m., New York City time, on the Expiration Date.

“*Exercise Price*” means \$9.5562, as adjusted from time to time pursuant to **Section 4**.

“*Expiration Date*” means April 30, 2031.

“**Fair Market Value**” means (i) if the Common Shares are traded on a Trading Market, the VWAP of such Common Shares for such day (provided that if the Fair Market Value is being determined in connection with a Sale of the Company, such Fair Market Value shall be the greater of the amount determined pursuant to this clause (i) and the closing price on the Trading Market on the Trading Day immediately prior to the closing date of the Sale of the Company) or (ii) if at any time the Common Shares are not listed, quoted or otherwise available for trading on any Trading Market (so that no Trading Day shall have occurred), or if VWAP cannot be calculated for the Common Shares for such day for any other reason, the “**Fair Market Value**” of such Common Shares shall be the fair market value per share of such Common Shares as determined jointly by the Company and the Holder; provided further, that, in the event the Company and Holder are unable to so mutually agree, Fair Market Value shall be determined pursuant to **Section 10(a)**.

“**Holder**” has the meaning set forth in the preamble.

“**Independent Advisor**” has the meaning set forth in **Section 10(a)**.

“**Initial Holder**” has the meaning set forth in the preamble.

“**Issue Date**” means the date designated as such on the first page of this Warrant Certificate.

“**Marketable Securities**” means equity securities meeting each of the following requirements: (i) the issuer thereof is subject to the reporting requirements of Section 13 or Section 15(d) of the Exchange Act, and is current in its filing of all required reports and other information under the Securities Act and the Exchange Act; (ii) such equity securities are traded on a Trading Market; and (iii) if delivered (or to be delivered) as payment or compensation to the Holder in connection with an automatic Cashless Exercise pursuant to **Section 3(c)**, following the closing of the related Sale of the Company, the Holder would not be restricted from publicly re-selling all of such equity securities delivered to it.

“**Nasdaq**” means The Nasdaq Stock Market LLC.

“**NYSE**” means the New York Stock Exchange.

“**Options**” means any warrants, options or similar rights to subscribe for or purchase Common Shares or Convertible Securities.

“**Original Issue Date**” means April 30, 2024.

“**OTC Bulletin Board**” means the Financial Industry Regulatory Authority, Inc. OTC Bulletin Board.

“**Pre-emptive Rights**” has the meaning set forth in **Section 12**.

“**Registration Statement**” means, in connection with any public offering of securities, any registration statement required pursuant to the Securities Act that covers the offer and sales of any such securities, including any prospectus, amendments or supplements to such Registration Statement, including post-effective amendments and all exhibits and all materials incorporated by reference in such Registration Statement.

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

“**Sale of the Company**” means a transaction pursuant to which (i) (x) any Person or group of Persons acting jointly or otherwise in concert (other than the Holder and any other parties to the Credit Agreement) acquires ownership, directly or indirectly, beneficially or of record, of Capital Securities of the Company having more than fifty percent (50%) of the aggregate economic interests and/or voting power, determined on a fully diluted basis, (y) any Person or group of Persons acting jointly or otherwise in concert (other than the Holder and any other parties to the Credit Agreement) acquires, by contract or otherwise, the right to appoint or elect a majority of the Company’s board of directors (the “**Board**”), or (z) all or substantially all of the assets of the Company and its Subsidiaries, taken as a whole, are sold, leased, exclusively licensed, transferred, conveyed or otherwise disposed of, and (ii) all Obligations outstanding under the Credit Agreement are to be paid in full in cash, whether pursuant to the terms of the transaction, pursuant to the terms of the Credit Agreement or otherwise.

“**SEC**” means the Securities and Exchange Commission or any successor thereto.

“**Share Distribution**” means any issuance or sale by the Company of any of its Common Shares, Options or Convertible Securities, other than in connection with a dividend or distribution to holders of its Common Shares of the type described in Section 4(c) below.

“**Share Reorganization**” has the meaning set forth in **Section 4(a)**.

“**Trading Day**” means, with respect to the Common Shares or any other Marketable Securities, a date on which the relevant Trading Market is open and conducting business.

“**Trading Market**” means, with respect to the Common Shares or any other Marketable Securities, the Nasdaq, the NYSE or the OTC Bulletin Board.

“**Unrestricted Conditions**” has the meaning set forth in **Section 11(a)(ii)**.

“**VWAP**” means, with respect to any Common Shares, as of any day of determination (a “**Determination Date**”), the volume weighted average sale price for the period of ten (10) consecutive Trading Days immediately preceding such Determination Date on the Trading Market for such Common Shares as reported by, or based upon data reported by, Bloomberg Financial Markets or an equivalent, reliable reporting service reasonably acceptable to the Holder and the Company (collectively, “**Bloomberg**”) or, if the volume weighted average sale price has not been reported for such security by Bloomberg for such ten (10) day period, then the simple average of the last closing trade prices of such security for such ten (10) day period, as reported by Bloomberg, or, if no last closing trade price is reported for such security by Bloomberg, the simple average of the bid prices of any market makers for such security that are listed in the over the counter market by the Financial Industry Regulatory Authority, Inc. or on the OTC Bulletin Board (or any successor) or in the “pink sheets” (or any successor) by the OTC Markets Group, Inc. over such ten (10) day period.

“**Warrant Certificate**” means this Warrant Certificate and all subsequent warrant certificates issued upon division, combination or transfer of, or in substitution for, this Warrant Certificate.

“**Warrant Register**” has the meaning set forth in **Section 5**.

“*Warrant Shares*” has the meaning set forth in the preamble.

Section 2. Term of Warrant Certificate. Subject to the terms and conditions hereof, from time to time during the Exercise Period, the Holder of this Warrant Certificate may exercise this Warrant Certificate for all or any part of the Warrant Shares purchasable hereunder (subject to adjustment as provided herein).

Section 3. Exercise of Warrant Certificate.

(a) **Exercise Procedure.** This Warrant Certificate may be exercised from time to time on any Business Day during the Exercise Period, for all or any part of the unexercised Warrant Shares, upon:

(i) delivery to the Company at its then registered office of a duly completed and executed Exercise Certificate in the form attached hereto as **Exhibit A** (each, an “*Exercise Certificate*”), which certificate will specify the number of Warrant Shares to be purchased and the Aggregate Exercise Price; and

(ii) simultaneously with the delivery of the Exercise Certificate, payment to the Company of the Aggregate Exercise Price in accordance with **Section 3(b)**.

(b) **Payment of the Aggregate Exercise Price.** Payment of the Aggregate Exercise Price shall be made, at the option of the Holder as set forth in the applicable Exercise Certificate, by any of the following methods:

(i) by wire transfer of immediately available funds to an account designated in writing by the Company, in the amount of such Aggregate Exercise Price;

(ii) by instructing the Company to withhold a number of Warrant Shares then issuable upon exercise of this Warrant Certificate with an aggregate Fair Market Value as of the Exercise Date equal to such Aggregate Exercise Price; or

(iii) any combination of the foregoing.

In the event of any withholding of Warrant Shares pursuant to **Section 3(b)(ii)** or **(iii)** (solely to the extent of such withholding, a “*Cashless Exercise*”) where the number of shares whose value is equal to the Aggregate Exercise Price is not a whole number, the number of shares withheld by the Company shall be rounded up to the nearest whole share and the Company shall make a cash payment to the Holder (by delivery of a certified or official bank check or by wire transfer of immediately available funds) based on the incremental fraction of a share being so withheld by the Company in an amount equal to the product of (x) such incremental fraction of a share being so withheld multiplied by (y) the Fair Market Value per Warrant Share as of the Exercise Date.

(c) **Automatic Cashless Exercise.** To the extent this Warrant Certificate has not been exercised in full by the Holder prior to the earlier of (i) the occurrence of the Expiration Date, and (ii) the date on which a Sale of the Company is consummated pursuant to which the sole consideration payable to the Company or its shareholders in respect of such sale transaction consists of cash, Marketable Securities or a combination thereof, any portion of this Warrant Certificate that remains unexercised on such date shall be deemed to have been exercised automatically pursuant to a Cashless Exercise, in whole (and not in part), on the Business Day immediately preceding such date; provided, that the automatic Cashless Exercise contemplated by this **Section 3(c)** shall not occur in the event that, as of the Business Day immediately preceding any such date described above, the per share Fair Market Value of a Warrant Share is less than the Exercise Price per Warrant Share, in which case, this Warrant Certificate shall automatically expire and be of no further force and effect as of the Expiration Date or immediately prior to the consummation of the Sale of the Company, as applicable.

To the extent permitted by applicable Law, for purposes of Rule 144, (i) the Warrant Shares issuable upon any exercise of this Warrant Certificate in any Cashless Exercise transaction shall be deemed to have been acquired on the Original Issue Date, and (ii) the holding period for any Warrant Shares issuable upon the exercise of this Warrant Certificate in any Cashless Exercise transaction shall be deemed to have commenced on the Original Issue Date; provided that the Company makes no representation or warranty regarding the commencement of the holding period of any Warrant Share.

(d) **Delivery of Stock Certificates.** With respect to any exercise of this Warrant Certificate by the Holder, upon receipt by the Company of an Exercise Certificate and delivery of the Aggregate Exercise Price, the Company shall, within five (5) Business Days, deliver in accordance with the terms hereof to or upon the order of the Holder that number of Warrant Shares for the portion of this Warrant Certificate so exercised on such date, together with cash in lieu of any fraction of a share to the extent the Company elects to do so pursuant to **Section 3(e)** below. If such Warrant Shares are issued in certificated form, the Company shall deliver a certificate or certificates, to the extent possible, representing the number of Warrant Shares as the Holder shall request in the Exercise Certificate. If such Warrant Shares are issued in uncertificated form, the Company shall deliver upon request a confirmation evidencing the registration of such shares. Unless otherwise provided herein, upon any exercise in accordance with the terms of this Warrant Certificate, this Warrant Certificate shall be deemed to have been exercised and such certificate or certificates of Warrant Shares shall be deemed to have been issued, and the Holder shall be deemed to have become a holder of record of such Warrant Shares for all purposes, as of the Exercise Date. Unless otherwise permitted by federal or state securities laws, rules or regulations, any share certificates issued pursuant to the exercise of this Warrant Certificate will bear a legend in substantially the form set out in **Section 11(a)(i)** below.

(e) **No Fractional Shares or Scrip.** No fractional or scrip representing fractional shares shall be issued upon the exercise of this Warrant Certificate. 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 Fair Market Value of one Warrant Share on the Exercise Date or round up to the next whole share.

(f) Surrender of this Warrant Certificate; Delivery of New Warrant Certificate.

(i) The Holder shall not be required to physically surrender this Warrant Certificate to the Company until this Warrant Certificate has been exercised in full by the Holder, in which case, the Holder shall, at the written request of the Company, surrender this Warrant Certificate to the Company for cancellation within three (3) Business Days after the date the final Exercise Certificate is delivered to the Company. Partial exercises of this Warrant Certificate resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares issuable hereunder by an amount equal to the applicable number of Warrant Shares that have been issued hereunder as a result of previous exercises or withheld in connection with any Cashless Exercises. The Holder and the Company shall maintain records showing the number of Warrant Shares issued and purchased, the date of such issuances and purchases and the number of Warrant Shares withheld in connection with any Cashless Exercises. The Holder and any assignee, by acceptance of this Warrant Certificate, acknowledge and agree that, by reason of the provisions of this **Section 3(f)**, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be fewer than the amount stated on the face hereof.

(ii) Notwithstanding the foregoing, to the extent that there are unexpired and unexercised Warrant Shares remaining under the Warrant Certificate, the Holder may request that the Company (and the Company shall), at the time of issuance of any Warrant Shares in accordance with **Section 3(d)** and the surrender of this Warrant Certificate, deliver to the Holder a new Warrant Certificate evidencing the rights of the Holder to subscribe for the unexpired and unexercised Warrant Shares called for by this Warrant Certificate. Unless otherwise agreed upon by the Holder in its sole discretion, such new Warrant Certificate shall in all other respects be identical to this Warrant Certificate.

(g) Valid Issuance of Warrant Certificate and Warrant Shares; Payment of Taxes. With respect to the exercise of this Warrant Certificate, the Company hereby represents, warrants, covenants and agrees as follows:

(i) This Warrant Certificate is, and any Warrant Certificate issued in substitution for or replacement of this Warrant Certificate shall be, upon issuance, duly authorized.

(ii) All Warrant Shares issuable upon the exercise of this Warrant Certificate (or any substitute or replacement Warrant Certificate) shall be, upon issuance, and the Company shall take all such actions as may be necessary or appropriate in order that such Warrant Shares are, validly issued, fully paid and non-assessable, issued without violation of any preemptive or similar rights of any shareholder of the Company and free and clear of all liens and charges (other than liens or charges created by the Holder, or created with regard to income taxes or other taxes payable by the Holder incurred in connection with the exercise of the Warrant or taxes in respect of any transfer made by the Holder occurring contemporaneously therewith).

(iii) The Company shall take all such actions as may be necessary to (x) comply with **Section 3(i)** below and (y) ensure that all such Warrant Shares are issued without violation by the Company of any applicable Law or any requirements of any foreign or domestic securities exchange upon which Warrant Shares may be listed at the time of such exercise.

(iv) The Company shall exclusively bear and pay all expenses in connection with, and all governmental charges, taxes, fees, levies, withholdings and all other such payments, that may be imposed on or with respect to, the issuance of this Warrant Certificate, and the issuance or delivery of Warrant Shares pursuant to the terms of this Warrant Certificate and the Holder shall not be affected by such payments, and the Company shall not be eligible to any indemnification for such payment from the Holder.

(v) The Company is a corporation duly organized and validly existing under the Laws of the State of Delaware and has the capacity and corporate power and authority to enter into this Warrant Certificate.

(vi) The Company has taken all action required to be taken to authorize the execution, delivery and performance of this Warrant Certificate.

(vii) This Warrant Certificate has been duly executed by the Company.

(viii) The obligations of the Company under this Warrant Certificate are legal, valid and binding obligations, enforceable against the Company in accordance with the terms hereof, except to the extent that enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting creditors' rights generally and by general equitable principles.

(ix) As of the Issue Date, the Company has complied with all obligations set forth in **Section 3(i)**, below.

(h) **Conditional Exercise.** Notwithstanding any other provision hereof, if an exercise of all or any portion of this Warrant Certificate is to be made in connection with a Sale of the Company, such exercise may, at the election of the Holder, be conditioned upon the consummation of such transaction, in which case such exercise shall not be deemed to be effective until immediately prior to the consummation of such transaction.

(i) **Reservation of Shares.** The Company shall at all times during the Exercise Period reserve and keep available out of its authorized but unissued Common Shares or (if applicable) other securities constituting Warrant Shares, solely for the purpose of issuance upon the exercise of this Warrant Certificate, the maximum number of Warrant Shares issuable upon the exercise of this Warrant Certificate. The Company shall not increase the par value of any Warrant Shares receivable upon the exercise of this Warrant Certificate above the Exercise Price then in effect, and shall take all such actions within its power as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant Certificate.

(j) **Rule 144 Compliance.** With a view to making available to the Holder the benefits of Rule 144 and any other rule or regulation of the SEC that may at any time permit a holder to sell securities of the Company to the public without registration or pursuant to a Registration Statement, the Company shall, during the Exercise Period while any portion of this Warrant Certificate remains unexercised:

(i) use commercially reasonable efforts to make and keep adequate public information available, as required by clause (c) of Rule 144;

(ii) use commercially reasonable efforts to file with the SEC in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act (excluding, for avoidance of doubt, any prospectus or registration statement which the Company is under no obligation to file); and

(iii) furnish, or otherwise make available to the Holder so long as the Holder owns Warrant Shares, promptly upon request, a written statement by the Company as to its compliance with the reporting requirements of Rule 144 and the Exchange Act, a copy of the most recent annual or quarterly report of the Company, and such other reports and documents so filed or furnished by the Company with the SEC under the Exchange Act or Securities Act as the Holder may reasonably request in connection with the sale of Common Shares without registration.

(k) **Ownership Cap.** The Company shall not knowingly effect the exercise of this Warrant Certificate, and the Holder shall not have the right to exercise this Warrant Certificate to the extent that, after giving effect to such exercise, the Holder (together with its Affiliates) would beneficially own in excess of 9.99% of the Common Shares of the Company immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of Common Shares owned by the Holder and its Affiliates shall include the number of Warrant Shares issuable upon exercise of this Warrant Certificate with respect to which the determination of such aggregate number is being made, but shall exclude Common Shares (if any) that would be issuable upon (i) exercise of the remaining, unexercised portion of this Warrant Certificate beneficially owned by the Holder and its Affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other Capital Securities of the Company beneficially owned by the Holder and its Affiliates (including, without limitation, any Convertible Securities) subject to a limitation on conversion or exercise analogous to the limitations contained herein. Except as set forth in the preceding sentence, for purposes of this **Section 3(k)**, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act. For purposes of this Warrant Certificate, in determining the number of outstanding Common Shares, the Holder of this Warrant Certificate may rely on the number of such outstanding Capital Securities as reflected in the most recent of (i) the Company's Form 10-K, Form 10-Q or other public filing with the SEC, as the case may be, if available, (ii) a more recent public announcement by the Company, or (iii) any other notice by the Company or its transfer agent setting forth the number of outstanding Common Shares. In addition, upon the written request of the Holder (but not more than once during any calendar quarter), the Company shall, within three (3) Business Days, confirm to the Holder the number of its outstanding Common Shares. Furthermore, upon the written request of the Company (but not more than once during any calendar quarter), the Holder shall promptly confirm to the Company its then current beneficial ownership with respect to the Company's Common Shares.

(l) Except as expressly provided herein with respect to cash payments in lieu of the issuance of fractional shares, and without regard to any exchange of consideration in connection with an automatic Cashless Exercise pursuant to **Section 3(e)** above or similar event, upon exercise of this Warrant Certificate the Holder shall not otherwise be entitled to receive cash or Warrant Shares that are registered under the Securities Act.

Section 4. Adjustment to Number of Warrant Shares, Exercise Price, etc. The number of Warrant Shares issuable upon exercise of this Warrant Certificate shall be subject to adjustment from time to time as provided in this **Section 4**.

(a) **Adjustment to Number of Warrant Shares Upon Reorganizations, Reclassifications, etc.** In the event of any changes in the outstanding Common Shares of the Company by reason of redemptions, recapitalizations, reclassifications, combinations or exchanges of shares, splits or reverse splits, separations, reorganizations, liquidations, substitutions, replacements or the like (any of the foregoing or combination thereof being a “**Share Reorganization**”), the number and class of Warrant Shares available upon exercise of this Warrant Certificate in the aggregate and the Exercise Price shall be correspondingly adjusted to give the Holder of this Warrant Certificate, on exercise for the same Aggregate Exercise Price, the total number, class, and kind of shares as the Holder would have owned had this Warrant Certificate been exercised prior to any such event and had the Holder continued to hold such Warrant Shares until after the event requiring adjustment. The form of this Warrant Certificate need not be changed because of any adjustment in the number of Warrant Shares subject to this Warrant Certificate.

(b) **Adjustment to Exercise Price Upon a Share Distribution.** Subject to **clause (iii)** below, if the Company consummates or effects any Share Distribution for a price per Common Share less than the Exercise Price then in effect, then, effective upon such Share Distribution, the Exercise Price shall be reduced to a price determined by multiplying the Exercise Price then in effect by a fraction, the numerator of which shall be the sum of (A) the number of Common Shares Deemed Outstanding immediately prior to such Share Distribution multiplied by the Exercise Price then in effect, plus (B) the consideration, if any, received by the Company upon such Share Distribution, and the denominator of which shall be the product of (1) the total number of Common Shares Deemed Outstanding immediately after such Share Distribution multiplied by (2) the Exercise Price in effect immediately prior to such Share Distribution. For purposes of this **Section 4(b)**:

(i) In the event Options or Convertible Securities are included in any such Share Distribution, the price per Common Share deemed to have been issued or sold as a result of the sale or issuance of such Options or Convertible Securities, shall be equal to the price per Common Share for which Common Shares are issuable upon the exercise of such Options or upon conversion or exchange of such Convertible Securities, as the case may be (determined by dividing (x) the aggregate amount, if any, received or receivable by the Company as consideration for the issuance, sale, distribution or grant of all such Options or Convertible Securities, plus the minimum aggregate amount of additional consideration payable to the Company, if any, upon the exercise of all such Options or the conversion or exchange of all such Convertible Securities (as the case may be), by (y) the total maximum number of Common Shares issuable upon the exercise of all such Options or upon the conversion or exchange of all such Convertible Securities (without, in each case, giving effect to any anti-dilution provisions included in such Options or Convertible Securities that are not applicable at the time of the applicable price per Common Share calculations)).

(ii) The provisions of this **Section 4(b)** shall not in any event operate to increase the Exercise Price.

(iii) This **Section 4(b)** shall not apply to any of the following:

- (A) Any issuance, sale or other distribution of Common Shares, Options or Convertible Securities pursuant to (i) any Share Reorganization, which shall instead be governed by **Section 4(a)** above, or (ii) any dividend or distribution to holders of Common Shares, which shall instead be governed by **Section 4(c)** below.
- (B) The issuance of Common Shares upon exercise or conversion of any Options or Convertible Securities included in the Common Shares Deemed Outstanding as of the Original Issue Date.
- (C) The grant or issuance of Common Shares, Options or Convertible Securities to board members, officers, employees, consultants or other service providers of the Company pursuant to any employee incentive plan, employee share purchase plan or similar equity-based benefit plans (including any inducement award granted in accordance with the Nasdaq Listing Rules) approved by the Company's Board or duly authorized committee thereof; provided that the total number of securities issued under this sub-clause for a price per share less than the Exercise Price shall not constitute more than five percent (5.0%) of the total number of Common Shares Deemed Outstanding at any time.

(c) **Adjustment to Number of Warrant Shares Upon Dividends, Distributions, etc.** If the Company declares or pays a dividend or distribution on its outstanding Common Shares payable in cash, Capital Securities or other property, the Holder shall be entitled to receive, at the time such dividend or distribution is paid, without additional cost to the Holder, the total number and kind of cash, Capital Securities or other property which the Holder would have received had the Holder owned the Warrant Shares of record as of the date such dividend or distribution was paid.

(d) **Certificate as to Adjustment.**

(i) As promptly as reasonably practicable following any change or adjustment of the type described above in this **Section 4**, but in any event not later than ten (10) Business Days thereafter, the Company shall furnish to the Holder a certificate of an Authorized Officer setting forth in reasonable detail such adjustment and the facts upon which it is based and certifying the calculation thereof.

(ii) As promptly as reasonably practicable following the receipt by the Company of a written request by the Holder, but in any event not later than ten (10) Business Days thereafter, the Company shall furnish to the Holder a certificate of an Authorized Officer certifying the number of Warrant Shares or the amount, if any, of other shares, securities or assets then issuable upon exercise of the Warrant Certificate.

(e) **Notices.** In the event that, at any time during the Exercise Period the Company shall take a record of the holders of its outstanding Common Shares (or other Capital Securities at the time issuable upon exercise of this Warrant Certificate) for the purpose of:

(i) entitling or enabling such holders to receive any dividend or other distribution, to receive any right to subscribe for or purchase any shares of any class or any other securities, or to receive any other security;

(ii) (x) any capital reorganization of the Company, any reclassification of any outstanding securities, any consolidation or merger of the Company with or into another Person, or (y) a Sale of the Company; or

(iii) the voluntary or involuntary dissolution, liquidation or winding-up bankruptcy or similar event involving the Company;

then, and in each such case, the Company shall send or cause to be sent to the Holder at least ten (10) Business Days prior to the applicable record date or the applicable expected effective date, as the case may be, for the event, a written notice specifying, as the case may be, (A) the record date for such dividend, distribution or other right or action, and a description of such dividend, distribution or other right or action, or (B) the effective date on which such reorganization, reclassification, consolidation, merger, Sale of the Company, dissolution, liquidation, winding-up or bankruptcy is proposed to take place, and the date, if any is to be fixed, as of which the books of the Company shall close or a record shall be taken with respect to which the holders of record of its Common Shares (or such other Capital Securities at the time issuable upon exercise of the Warrant Certificate) shall be entitled to exchange their Common Shares (or such other Capital Securities), for securities or other property deliverable upon such reorganization, reclassification, consolidation, merger, Sale of the Company, dissolution, liquidation, winding-up or bankruptcy, and the amount per share and character of such exchange applicable to the Warrant Certificate and the Warrant Shares. The above notwithstanding, the Company shall not be required to provide the Holder with notice containing such information if the Company reasonably believes that it constitutes material non-public information, unless the Holder (i) confirms to the Company in writing that it consents to receive such information, and (ii) executes a customary market standstill or equivalent agreement pursuant to which the Holder will agree not to trade in the Company's Common Shares or other Capital Securities while in possession of such material non-public information or until such information is no longer material or non-public.

Section 5. Warrant Register. The Company shall keep and properly maintain at its principal executive offices a register (the "**Warrant Register**") for the registration of this Warrant Certificate and any transfers thereof. The Company may deem and treat the Person in whose name this Warrant Certificate is registered on such register as the Holder thereof for all purposes, and the Company shall not be affected by any notice to the contrary, except any assignment, division, combination or other transfer of this Warrant Certificate effected in accordance with the provisions of this Warrant Certificate.

Section 6. Registration Rights. The Holder is entitled to the benefit of certain registration rights with respect to the Warrant Shares as provided in the Registration Rights Agreement, dated as of April 30, 2024, by and between the Company and the Initial Holder (the "**Registration Rights Agreement**"), and any subsequent Holder hereof shall be entitled to such rights to the extent provided in the Registration Rights Agreement. If the Company fails to cause any Registration Statement covering applicable "Registrable Securities" (as that term is defined in the Registration Rights Agreement) to be declared effective prior to the applicable dates set forth therein, or if any of the events specified in Section 2(b) of the Registration Rights Agreement occurs, and the Suspension Period (as that term is defined in the Registration Rights Agreement) (whether alone, or in combination with any other Suspension Period) continues for more than 30 consecutive days, or for more than a total of 60 days, in each case in any 360-day period, then the Expiration Date of this Warrant Certificate shall be extended one day for each day beyond the applicable dates for effectiveness of the Registration Statement that such Registration Statement has not been declared effective by the SEC or the 30-day or 60-day limits, as the case may be, that the Suspension Period continues.

Section 7. Transfer of Warrant Certificate. Subject to **Section 11** hereof, this Warrant Certificate and all rights hereunder are transferable, in whole or in part, by the Holder without charge to the Holder, upon surrender of this Warrant Certificate to the Company at its then principal executive offices with a properly completed and duly executed Assignment in the form attached hereto as **Exhibit B**. Upon such compliance, surrender and delivery, the Company shall execute and deliver a new Warrant Certificate or Warrant Certificates in the name of the assignee or assignees and in the denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant Certificate evidencing the portion of this Warrant Certificate, if any, not so assigned, and this Warrant Certificate shall promptly be cancelled.

Section 8. The Holder Not Deemed a Shareholder; Limitations on Liability. Except as otherwise specifically provided herein (including in **4(c)** above and **Section 12** below), (i) prior to the Exercise Date, the Holder shall not be entitled to receive dividends, nor shall anything contained in this Warrant Certificate be construed to confer upon the Holder, as such, any of the rights of a shareholder of the Company or any right to receive dividends or subscription rights, and (ii) prior to the registration of the Holder in the share register of the Company with respect to the Warrant Shares to which the Holder is then entitled to receive upon the due exercise of this Warrant Certificate, the Holder shall not be entitled to vote, nor shall anything contained in this Warrant Certificate be construed to confer upon the Holder, as such, any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of shares, reclassification of shares, consolidation, merger, conveyance or otherwise) or receive notice of meetings. In addition, nothing contained in this Warrant Certificate shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant Certificate or otherwise) or as a shareholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this **Section 8**, the Company shall provide the Holder with copies of the same notices and other information given to all shareholders of the Company generally, contemporaneously with the giving thereof to such shareholders, unless such notice or information had been made publicly available on the SEC's EDGAR system website.

Section 9. Replacement on Loss; Division and Combination.

(a) **Replacement of Warrant Certificate on Loss.** Subject to any further requirements in relation to the cancellation of this Warrant Certificate pursuant to applicable Laws, upon receipt of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant Certificate and upon delivery of an indemnity reasonably satisfactory to it (it being understood that a written indemnification agreement or affidavit of loss of the Holder shall be a sufficient indemnity) and, in case of mutilation, upon surrender of such Warrant Certificate for cancellation to the Company, the Company at its own expense shall execute and deliver to the Holder, in lieu hereof, a new Warrant Certificate of like tenor and exercisable for an equivalent number of Warrant Shares as this Warrant Certificate so lost, stolen, mutilated or destroyed; *provided* that, in the case of mutilation, no indemnity shall be required if this Warrant Certificate in identifiable form is surrendered to the Company for cancellation.

(b) **Division and Combination of Warrant Certificate.** Subject to compliance with the applicable provisions of this Warrant Certificate as to any transfer or other assignment which may be involved in such division or combination, this Warrant Certificate may be divided or, following any such division of this Warrant Certificate, subsequently combined with other Warrant Certificates, upon the surrender of this Warrant Certificate or Warrant Certificates to the Company at its then principal executive offices, together with a written notice specifying the names and denominations in which new Warrant Certificates are to be issued, signed by each applicable Holder or its agents or attorneys. Subject to compliance with the applicable provisions of this Warrant Certificate as to any transfer or assignment which may be involved in such division or combination, the Company shall at its own expense execute and deliver a new Warrant Certificate or Warrant Certificates in exchange for this Warrant Certificate or Warrant Certificates so surrendered in accordance with such notice. Such new Warrant Certificate or Warrant Certificates shall be of like tenor to the surrendered Warrant Certificate or Warrant Certificates and shall be exercisable in the aggregate for an equivalent number of Warrant Shares as this Warrant Certificate or Warrant Certificates so surrendered in accordance with such notice.

Section 10. Disputes; No Impairment, etc. The parties hereto agree as follows:

(a) **Disputes.** In the event of any dispute which arises between the Holder and the Company (including the Board) with respect to the calculation or determination of Fair Market Value, VWAP, the adjusted Exercise Price, the number of Warrant Shares, other Capital Securities, cash or other property issuable upon exercise of this Warrant Certificate, the amount or type of consideration due to the Holder in connection with any event, transaction or other matter described in **Section 4** above or any other matter involving this Warrant Certificate or the Warrant Shares that is not resolved by the parties after good faith discussions and efforts to reach resolution, upon the request of the Holder the disputed issue(s) shall be submitted to a firm of independent investment bankers or public accountants of recognized national standing, which (i) shall be chosen by the Company and be reasonably satisfactory to the Holder and (ii) shall be completely independent of the Company (an “*Independent Advisor*”), for determination, and such determination by the Independent Advisor shall be binding upon the Company and the Holder with respect to this Warrant, any Warrant Shares issued in connection herewith or the matter in dispute, as the case may be, absent manifest error. Costs and expenses of the Independent Advisor shall be paid by the Company.

(b) **Equitable Equivalent.** In case any event shall occur as to which the provisions of **Section 10(a)** above are not strictly applicable but the failure to make any adjustment would not, in the reasonable, good faith opinion of the Holder, fairly protect the rights and benefits of the Holder represented by this Warrant Certificate in accordance with the essential intent and principles of **Section 10(a)**, then, in any such case, at the request of the Holder, the Company shall submit the matter and issues raised by the Holder to an Independent Advisor, which shall give its opinion upon the adjustment, if any, on a basis consistent with the essential intent and principles established in **Section 10(a)**, to the extent necessary to preserve, without dilution, the rights and benefits represented by this Warrant Certificate. Upon receipt of such opinion, the Company will promptly mail a copy thereof to the Holder and shall make the adjustments described therein, if any. Costs and expenses of the Independent Advisor shall be shared 50/50 by the Company and the Holder.

(c) **No Avoidance.** The Company shall not, by way of amendment of any of its Charter or other Organic Documents or through any consolidation, merger, reorganization, transfer of assets, 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 Warrant Certificate, and will at all times in good faith assist in the carrying out of all such terms.

Section 11. Compliance with the Securities Act.

(a) **Agreement to Comply with the Securities Act, etc.**

(i) **Legend.** The Holder, by acceptance of this Warrant Certificate, agrees to comply in all respects with the provisions of this **Section 11** and the restrictive legend requirements set forth on the face of this Warrant Certificate and further agrees that it shall not offer, sell or otherwise dispose of this Warrant Certificate or any Warrant Shares to be issued upon exercise hereof except under circumstances that will not result in a violation of the Securities Act. Subject to **clause (ii)** below, this Warrant Certificate and all Warrant Shares issued upon exercise of this Warrant Certificate (unless registered under the Securities Act) shall be stamped or imprinted with a legend in substantially the following form:

“THIS WARRANT CERTIFICATE AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS WARRANT CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), OR QUALIFIED UNDER ANY STATE OR FOREIGN SECURITIES LAWS AND MAY NOT BE OFFERED FOR SALE, SOLD, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED OR ASSIGNED UNLESS (I) A REGISTRATION STATEMENT COVERING THE OFFER AND SALE OF SUCH SECURITIES IS EFFECTIVE UNDER THE SECURITIES ACT AND IS QUALIFIED UNDER APPLICABLE STATE AND FOREIGN LAW OR (II) THE TRANSACTION IS EXEMPT FROM THE REGISTRATION AND PROSPECTUS DELIVERY REQUIREMENTS UNDER THE SECURITIES ACT AND THE QUALIFICATION REQUIREMENTS UNDER APPLICABLE STATE AND FOREIGN LAW AND, IN EACH CASE, IF THE COMPANY REQUESTS, AN OPINION SATISFACTORY TO THE COMPANY TO SUCH EFFECT HAS BEEN RENDERED BY COUNSEL.”

(ii) **Removal of Restrictive Legends.** Neither this Warrant Certificate nor any Warrant Shares issuable or deliverable under or in connection with this Warrant Certificate shall contain any legend restricting the transfer thereof (including the legend set forth above in **clause (i)**) in any of the following circumstances: (A) following any sale of this Warrant Certificate or any Warrant Shares issued or delivered to the Holder under or in connection here with pursuant to Rule 144, (B) if this Warrant Certificate or the Warrant Shares are, and with respect to clause (i)(2) of Rule 144 will continue to be, eligible for sale under clause (b)(1) of Rule 144, or (C) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the SEC) (collectively, the “*Unrestricted Conditions*”). If any of the Unrestricted Conditions are met at the time of issuance of the Warrant Shares, to the reasonable satisfaction of the Company’s counsel, the Warrant Shares shall be issued free of all legends.

(iii) **Replacement Warrant Certificate.** The Company agrees that at such time as the Unrestricted Conditions have been satisfied it shall promptly (but in any event within ten (10) Business Days) following written request from the Holder issue a replacement Warrant Certificate or replacement Warrant Shares, as the case may be, free of all restrictive legends.

(iv) **Sale of Unlegended Shares.** The Holder agrees that the removal of the restrictive legend from this Warrant Certificate and any certificates representing securities as set forth in **Section 11(a)(ii)** above is predicated upon the Company’s reliance that the Holder will sell this Warrant Certificate or any such securities pursuant to either an effective Registration Statement or otherwise pursuant to the requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if such securities are sold pursuant to a Registration Statement, they will be sold in compliance with the plan of distribution set forth therein.

(b) **Representations of the Holder.** In connection with the issuance of this Warrant Certificate, the Holder represents, as of the Issue Date, to the Company by acceptance of this Warrant Certificate as follows:

(i) The Holder is an “accredited investor” as defined in Rule 501 of Regulation D promulgated under the Securities Act. The Holder is acquiring this Warrant Certificate and the Warrant Shares to be issued upon exercise hereof for investment for its own account and not with a view towards, or for resale in connection with, the public sale or distribution of this Warrant Certificate or the Warrant Shares, except pursuant to sales registered or exempted under the Securities Act.

(ii) The Holder understands and acknowledges that this Warrant Certificate and the Warrant Shares to be issued upon exercise hereof are “restricted securities” under the Securities Act inasmuch as they are being acquired from the Company in a transaction not involving a public offering and that, under such Laws and applicable regulations, such securities may be resold without registration under the Securities Act only in certain limited circumstances. In addition, the Holder represents that it is familiar with Rule 144, as presently in effect, and understands the resale limitations imposed thereby and by the Securities Act.

(iii) The Holder acknowledges that it can bear the economic and financial risk of its investment for an indefinite period and has such knowledge and experience in financial or business matters that it is capable of evaluating the merits and risks of the investment in this Warrant Certificate and the Warrant Shares. The Holder has had an opportunity to ask questions and receive answers from the Company regarding the terms and conditions of the offering of this Warrant Certificate and the business, properties, prospects and financial condition of the Company.

Section 12. Pre-Emptive Rights. In addition to any adjustments pursuant to **Section 4** above, if at any time the Company grants, issues, offers or sells (i) any Common Shares or (ii) any Options, Convertible Securities or rights to purchase shares, warrants, securities or other property, in each case pro rata to the record holders of Common Shares (the “*Pre-emptive Rights*”), then the Holder shall be entitled to (but shall not be obligated to) acquire, upon the same terms applicable to such Pre-emptive Rights, the aggregate Pre-emptive Rights which the Holder would have acquired if the Holder had held the number of Warrant Shares acquirable upon complete exercise of this Warrant Certificate immediately before the date on which a record is taken for the grant, issuance, offer or sale of such Pre-emptive Rights, or, if no such record is taken, the date as of which the record holders of Common Shares are to be determined for the grant, issue, offer or sale of such Pre-emptive Rights.

Section 13. Notices. All notices, requests, consents, claims, demands, waivers and other communications hereunder shall be in writing and shall be deemed to have been given: (i) when delivered by hand (with written confirmation of receipt); (ii) when received by the addressee if sent by a nationally recognized overnight courier (receipt requested); (iii) on the date sent by e-mail of a PDF document (with confirmation of transmission) if sent during normal business hours of the recipient, and on the next Business Day if sent after normal business hours of the recipient, in each case provided that sender did not receive an automated failed delivery notification; or (iv) on the third day after the date mailed, by certified or registered mail, return receipt requested, postage prepaid. Such communications must be sent to the respective parties at the addresses indicated below (or at such other address for a party as shall be specified in a notice given in accordance with this **Section 13**).

If to the Company: TriSalus Life Sciences, Inc.
 6272 West 91st Avenue
 Westminster, CO 80031
 Attn: Sean Murphy
 Email: sean.murphy@trisaluslifesci.com

with a copy to (which shall not qualify as notice to any party hereto):

Cooley LLP
10265 Science Center Drive
San Diego, CA 92121
Attn: Matt Browne; Carlos Ramirez
Email: mbrowne@cooley.com; cramirez@cooley.com

If to the Holder:

OrbiMed Royalty & Credit Opportunities IV Offshore, LP
c/o OrbiMed Advisors LLC
601 Lexington Avenue, 54th Floor
New York, NY 10022
Attention: Matthew Rizzo; OrbiMed Credit Report
Email: RizzoM@OrbiMed.com; ROSCreditops@orbimed.com

with a copy to (which shall not qualify as notice to any party hereto):

Covington & Burling LLP
The New York Times Building
620 Eighth Avenue
New York, NY 10018
Attention: Peter Schwartz; Jennifer Uren
Email: pschwartz@cov.com; juren@cov.com

Section 14. Cumulative Remedies. Except to the extent expressly provided in **Section 10** to the contrary, the rights and remedies provided in this Warrant Certificate are cumulative and are not exclusive of, and are in addition to and not in substitution for, any other rights or remedies available under applicable Laws, in equity or otherwise.

Section 15. Entire Agreement. This Warrant Certificate constitutes the sole and entire agreement of the parties to this Warrant Certificate with respect to the subject matter contained herein and supersedes all prior and contemporaneous understandings and agreements, both written and oral, with respect to such subject matter.

Section 16. Successors and Assigns. This Warrant Certificate and the rights evidenced hereby (including under **Section 6**) shall be binding upon and shall inure to the benefit of the parties hereto and the successors of the Company and the successors and permitted assigns of the Holder. Such successor or permitted assign of the Holder shall be deemed to be the “Holder” for all purposes hereunder.

Section 17. No Third-Party Beneficiaries. This Warrant Certificate is for the sole benefit of the Company and the Holder and their respective successors and, in the case of the Holder, permitted assigns, and nothing herein, express or implied, is intended to or shall confer upon any other Person any legal or equitable right, benefit or remedy of any nature whatsoever, under or by reason of this Warrant Certificate.

Section 18. Headings. The headings in this Warrant Certificate are for reference only and shall not affect the interpretation of this Warrant Certificate.

Section 19. Amendment and Modification; Waiver. Except as otherwise provided herein, this Warrant Certificate may only be amended, modified or supplemented by an agreement in writing signed by each party hereto. No waiver by the Company or the Holder of any of the provisions hereof shall be effective unless explicitly set forth in writing and signed by the party so waiving. No waiver by any party shall operate or be construed as a waiver in respect of any failure, breach or default not expressly identified by such written waiver, whether of a similar or different character, and whether occurring before or after that waiver. No failure to exercise, or delay in exercising, any rights, remedy, power or privilege arising from this Warrant Certificate shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

Section 20. Severability. If any term or provision of this Warrant Certificate is invalid, illegal or unenforceable in any jurisdiction, such invalidity, illegality or unenforceability shall not affect any other term or provision of this Warrant Certificate or invalidate or render unenforceable such term or provision in any other jurisdiction.

Section 21. Governing Law. This Warrant Certificate shall be governed by and construed in accordance with the internal Laws of the State of New York without effect to any choice or conflict of Laws provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of Laws of any jurisdiction other than those of the State of New York.

Section 22. Submission to Jurisdiction; Waiver of Jury Trial. Except as provided in **Section 10**:

(a) Any legal suit, action or proceeding arising out of or based on this Warrant Certificate or the transactions contemplated hereby may be instituted in the federal courts of the United States or the courts of the State of New York, in each case located in the city and county of New York. Each party irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action or proceeding. Service of process, summons, notice or other document by certified or registered mail to such party's address set forth in **Section 13** shall be effective service of process for any suit, action or other proceeding, and the parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or other proceeding in such courts and irrevocably waive and agree not to plead or claim in any such court that any such suit, action or proceeding has been brought in an inconvenient forum.

(b) EACH PARTY ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY WHICH MAY ARISE UNDER THIS WARRANT CERTIFICATE IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES, AND THEREFORE EACH SUCH PARTY HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT SUCH PARTY MAY HAVE TO A TRIAL BY JURY WITH RESPECT TO ANY LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS WARRANT CERTIFICATE. EACH PARTY CERTIFIES AND ACKNOWLEDGES THAT (i) NO REPRESENTATIVE, AGENT OR ATTORNEY OF THE OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER, (ii) SUCH PARTY UNDERSTANDS AND HAS CONSIDERED THE IMPLICATIONS OF THIS WAIVER, (iii) SUCH PARTY MAKES THIS WAIVER VOLUNTARILY, AND (iv) SUCH PARTY HAS BEEN INDUCED TO ENTER INTO THIS WARRANT CERTIFICATE AND EACH ANCILLARY AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION.

Section 23. Counterparts. This Warrant Certificate may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Warrant Certificate delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Warrant Certificate.

Section 24. No Strict Construction. This Warrant Certificate shall be construed without regard to any presumption or rule requiring construction or interpretation against the party drafting an instrument or causing any instrument to be drafted.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Company has duly executed this Warrant Certificate on the Issue Date.

TRISALUS LIFE SCIENCES, INC.

By: /s/ Sean Murphy

Name: Sean Murphy

Title: Chief Financial Officer

[Signature Page to Warrant Certificate]

Accepted and agreed,

**ORBIMED ROYALTY & CREDIT
OPPORTUNITIES IV OFFSHORE, LP**

By: OrbiMed ROF IV LLC,
its General Partner

By OrbiMed Advisors LLC,
its Managing Member

By: /s/ Matthew Rizzo

Name: Matthew Rizzo

Title: Member

[Signature Page to Warrant Certificate]

FORM OF EXERCISE CERTIFICATE

(To be signed only upon exercise of Warrant Certificate)

To: TriSalus Life Sciences, Inc.
[Address]
Attention: [●]

The undersigned, as holder of a right to purchase Warrant Shares (as defined in the Warrant Certificate) of TriSalus Life Sciences, Inc., a Delaware corporation (the “*Company*”), pursuant to that certain Warrant Certificate of the Company, dated as of August 15, 2024 (the “*Warrant Certificate*”), a copy of which is attached to this Exercise Certificate, hereby irrevocably elects to exercise the purchase right represented by such Warrant Certificate for, and to purchase thereunder, [_____] (_____) Warrant Shares of the Company and herewith makes payment with this Exercise Certificate of the Aggregate Exercise Price therefor by the following method:

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(i)**.

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(ii)**.

The undersigned hereby elects to make payment of the Aggregate Exercise Price of [__Dollars (\$__)] for (____) Common Shares using the method described in **Section 3(b)(iii)**.

Unless otherwise defined herein, capitalized terms have the meanings provided in the Warrant Certificate.

DATED: _____

[HOLDER]

By _____
Name:
Title:

FORM OF ASSIGNMENT

[DATE OF ASSIGNMENT]

THE UNDERSIGNED, [NAME OF HOLDER], is the holder (in such capacity, the “**Holder**”) of a warrant certificate issued by TriSalus Life Sciences, Inc., a Delaware corporation (the “**Warrant Certificate**” and the “**Company**”, respectively), entitling the Holder to purchase up to [_____] Warrant Shares (as defined in the Warrant Certificate). Unless otherwise defined, capitalized terms used herein have the meanings ascribed thereto in the Warrant Certificate.

FOR VALUE RECEIVED, the Holder hereby sells, assigns and transfers to [NAME OF ASSIGNEE] (the “**Assignee**”) the right to acquire [all Warrant Shares entitled to be purchased upon exercise of the Warrant Certificate] [_____] of the Warrant Shares entitled to be purchased upon exercise of the Warrant Certificate]. In furtherance of the foregoing assignment, the Holder hereby irrevocably instructs the Company to (i) memorialize such assignment on the Warrant Register as required pursuant to **Section 5** of the Warrant Certificate, and (ii) pursuant to **Section 7** of the Warrant Certificate, execute and deliver to the Assignee [and the Holder][a new Warrant Certificate][new Warrant Certificates] reflecting the foregoing assignment ([each] a “**Substitute Warrant Certificate**”).

The Assignee acknowledges and agrees that its Substitute Warrant Certificate and the Warrant Shares to be issued upon exercise thereof are being acquired for investment and that the Assignee will not offer, sell or otherwise dispose of its Substitute Warrant Certificate or any Warrant Shares to be issued upon exercise or conversion thereof except under circumstances which will not result in a violation of the Securities Act or any applicable state securities laws. The Assignee represents and warrants for the benefit of the Company that the Assignee is an “accredited investor” within the meaning of Rule 501 of Regulation D promulgated under the Securities Act.

To the extent required pursuant to **Section 11(a)** of the Warrant Certificate, the Assignee acknowledges and agrees that a restrictive legend shall be applied to the Assignee’s Substitute Warrant Certificate and the Warrant Shares issuable upon exercise of such certificate substantially consistent with the legend set forth in **Section 11(a)(i)**.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto agree as set forth above as of the date first written above.

[HOLDER]

By _____
Name:
Title:

Accepted and agreed,

[NAME OF ASSIGNEE]

By _____
Name:
Title:

Exhibit B-2



KPMG LLP
Suite 800
1225 17th Street
Denver, CO 80202-5598

Consent of Independent Registered Public Accounting Firm

We consent to the use of our report dated April 11, 2024, with respect to the consolidated financial statements of TriSalus Life Sciences, Inc., included herein, and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Denver, Colorado
October 29, 2024

KPMG LLP, a Delaware limited liability partnership and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee.
