

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>KHOSLA VINOD</u> (Last) (First) (Middle) <u>2128 SAND HILL ROAD</u> (Street) <u>MENLO PARK CA 94025</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LanzaTech Global, Inc. [LNZA]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) <input type="checkbox"/> Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/21/2026</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/21/2026		C		3,250,322	A	(1)	3,678,998	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series A Convertible Senior Preferred Stock	(2)	01/21/2026		C		20,000,000		(2)	(2)	Common Stock	3,250,322	(2)	0	I	See footnote(3)
Warrant Shares	(4)	01/21/2026		P		7,800,000		(4)	(4)	Common Stock	7,800,000	(4)	7,800,000	I	See footnote(3)

Explanation of Responses:

- Represents shares of common stock of the Issuer following the conversion of 20,000,000 shares of the Issuer's preferred stock designated as "Series A Convertible Senior Preferred Stock," par value of \$0.0001 per share ("Preferred Stock"). Pursuant to the Second Amended & Restated Certificate of Designation of Series A Preferred Stock of LanzaTech Global, Inc. (the "Second A&R COD"), these shares of Preferred Stock were automatically converted into the aggregate of 3,250,322 fully paid and non-assessable shares of the Issuer's common stock, par value \$0.0000001 (the "Common Stock") on January 21, 2026. This further reflects the effect of a 1-for-100 reverse stock split implemented by the Company on August 18, 2025.
- Represents 20,000,000 shares of the Issuer's Preferred Stock, purchased for an aggregate purchase price of \$40,000,000. These shares of Preferred Stock were automatically converted into the aggregate of 3,250,322 shares of the Issuer's Common Stock pursuant to the Second A&R COD on January 21, 2026.
- Consists of securities held of record by an entity owned or controlled by the Reporting Person. The Reporting Person may be deemed to possess voting and investment control over such securities held by such entities, and the Reporting Person may be deemed to have indirect beneficial ownership of such securities held by such entity. The Reporting Person disclaims beneficial ownership of such securities except to the extent of the Reporting Person's pecuniary interest therein, and the inclusion of these securities in this report shall not be deemed an admission of beneficial ownership of the reported securities for purposes of Section 16 or for any other purposes.
- Reflects the issuance of a warrant (the "Warrant") to purchase 7,800,000 shares of Common Stock at an exercise price equal to \$0.0000001 per share (the "Warrant Shares"), which is exercisable at any time prior to 5:00 p.m. New York City time on December 31, 2026 (the "Expiration Time") and will be automatically exercised on a cashless, net-exercise basis immediately prior to the Expiration Time. The Warrant was issued pursuant to that certain Series A Convertible Senior Preferred Stock Purchase Agreement (as amended, restated, supplemented or otherwise modified from time to time, the "Purchase Agreement") entered into between the Company and LanzaTech Global SPV, LLC on May 7, 2025.

/s/ John J. Demeter, as attorney in fact for Vinod Khosla 01/29/2026

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.