

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

ENZO BIOCHEM INC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

294100102

(CUSIP Number)

06/24/2025

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☒ Rule 13d-1(b)

☒ Rule 13d-1(c)

☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 294100102

1	Names of Reporting Persons Beryl Capital Management LLC
2	Check the appropriate box if a member of a Group (see instructions) <input checked="" type="checkbox"/> (a) <input type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 5,069,789.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 5,069,789.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,069,789.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 9.7 %	
12	Type of Reporting Person (See Instructions) IA, OO	

Comment for Type of Reporting Person: Percentage calculated based on 52,432,129 shares of Common Stock outstanding on June 19, 2025, as disclosed in the Agreement and Plan of Merger attached as an exhibit to the Form 8-K filed by the Issuer on June 24, 2025.

SCHEDULE 13G

CUSIP No.	294100102
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1	Names of Reporting Persons Beryl Capital Management LP	
2	Check the appropriate box if a member of a Group (see instructions) <input checked="" type="checkbox"/> (a) <input type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 5,069,789.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 5,069,789.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,069,789.00	

10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>
11	Percent of class represented by amount in row (9) 9.7 %
12	Type of Reporting Person (See Instructions) IA, PN

Comment for Type of Reporting Person: Percentage calculated based on 52,432,129 shares of Common Stock outstanding on June 19, 2025, as disclosed in the Agreement and Plan of Merger attached as an exhibit to the Form 8-K filed by the Issuer on June 24, 2025.

SCHEDULE 13G

CUSIP No.	294100102
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1	Names of Reporting Persons Beryl Capital Partners II LP	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 4,088,352.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 4,088,352.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 4,088,352.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 7.8 %	
12	Type of Reporting Person (See Instructions) PN	

Comment for Type of Reporting Person: Percentage calculated based on 52,432,129 shares of Common Stock outstanding on June 19, 2025, as disclosed in the Agreement and Plan of Merger attached as an exhibit to the Form 8-K filed by the Issuer on June 24, 2025.

SCHEDULE 13G

CUSIP No.

294100102

1	Names of Reporting Persons David A. Witkin	
2	Check the appropriate box if a member of a Group (see instructions) <input checked="" type="checkbox"/> (a) <input type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization UNITED STATES	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 5,069,789.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 5,069,789.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,069,789.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 9.7 %	
12	Type of Reporting Person (See Instructions) HC, IN	

Comment for Type of Reporting Person: Percentage calculated based on 52,432,129 shares of Common Stock outstanding on June 19, 2025, as disclosed in the Agreement and Plan of Merger attached as an exhibit to the Form 8-K filed by the Issuer on June 24, 2025.

SCHEDULE 13G

Item 1.

(a) Name of issuer:

ENZO BIOCHEM INC

(b) Address of issuer's principal executive offices:

60 Executive Blvd, Farmingdale, NY 11735

Item 2.

(a) Name of person filing:

Beryl Capital Management LLC, a Delaware limited liability company ("Beryl")
 Beryl Capital Management LP, a Delaware limited partnership ("Beryl GP")
 Beryl Capital Partners II LP, a Delaware limited partnership (the "Partnership")
 David A. Witkin

Beryl is the investment adviser to the Partnership and other accounts. Beryl is the general partner of Beryl GP, which is the general partner of the Partnership and other private investment funds. Mr. Witkin is the control person of Beryl.

Each reporting person disclaims beneficial ownership of Common Stock except to the extent of that person's pecuniary interest therein. In addition, the filing of this Schedule 13G on behalf of the Partnership should not be construed as an admission that it is, and it disclaims that it is, a beneficial owner, as defined in Rule 13d-3 under the Act, of any Common Stock covered by this Schedule 13G.

(b) **Address or principal business office or, if none, residence:**

225 Avenue I, Suite 205
Redondo Beach, CA 90277

(c) **Citizenship:**

See Item 4 of the cover sheet for each reporting person.

(d) **Title of class of securities:**

Common Stock

(e) **CUSIP No.:**

294100102

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) ☒ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) ☒ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) **Amount beneficially owned:**

Beryl: 5,069,789
Beryl GP: 5,069,789
Partnership: 4,088,352
David A Witkin: 5,069,789

(b) **Percent of class:**

Beryl: 9.7%
Beryl GP: 9.7%
Partnership: 7.8%
David A. Witkin: 9.7% %

(c) **Number of shares as to which the person has:**

(i) **Sole power to vote or to direct the vote:**

Beryl: 0
Beryl GP: 0
Partnership: 0
David A. Witkin: 0

(ii) **Shared power to vote or to direct the vote:**

Beryl: 5,069,789
Beryl GP: 5,069,789
Partnership: 4,088,352
David A Witkin: 5,069,789

(iii) Sole power to dispose or to direct the disposition of:

Beryl: 0
Beryl GP: 0
Partnership: 0
David A. Witkin: 0

(iv) Shared power to dispose or to direct the disposition of:

Beryl: 5,069,789
Beryl GP: 5,069,789
Partnership: 4,088,352
David A Witkin: 5,069,789

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Beryl Capital Management LLC

Signature: /s/ Andrew Nelson
Name/Title: Chief Operating Officer
Date: 07/01/2025

Beryl Capital Management LP

Signature: /s/ Andrew Nelson
Name/Title: Chief Operating Officer of Beryl Capital Management LLC, General Partner of Beryl Capital Management LP
Date: 07/01/2025

Beryl Capital Partners II LP

Signature: /s/ Andrew Nelson
Name/Title: COO of Beryl Capital Management LLC, General Partner of Beryl Capital Management LP, General Partner of Beryl Capital Partners II LP

Date: 07/01/2025

David A. Witkin

Signature: /s/ David A. Witkin

Name/Title: Reporting person

Date: 07/01/2025

AGREEMENT REGARDING JOINT FILING
OF STATEMENT ON SCHEDULE 13D OR 13G

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G or Forms 3, 4 or 5 (and any amendments or supplements thereto) required under section 13(d) and 16(a) of the Securities Exchange Act of 1934, as amended, in connection with purchases by the undersigned of the securities of any issuer. For that purpose, the undersigned hereby constitute and appoint Beryl Capital Management, LLC, a Delaware limited liability company, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present.

Dated: July 1, 2025

BERYL CAPITAL MANAGEMENT LLC

By: /s/ Andrew Nelson
Andrew Nelson
Chief Operating Officer

BERYL CAPITAL PARTNERS II LP

By: Beryl Capital Management LP
General Partner

By: Beryl Capital Management LLC
General Partner

By: /s/ Andrew Nelson
Andrew Nelson
Chief Operating Officer

BERYL CAPITAL MANAGEMENT LP

By: Beryl Capital Management LLC
General Partner

By: /s/ Andrew Nelson
Andrew Nelson
Chief Operating Officer

/s/ David A. Witkin

David A. Witkin