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

FORM 8-K CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE **SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): September 20, 2024

ENZO BIOCHEM, INC.

(Exact name of registrant as specified in its charter)

New York (State or other jurisdiction of incorporation)

001-09974 (Commission File Number)

13-2866202 (IRS Employer Identification No.)

21 Executive Blvd. Farmingdale, New York 11735

(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: (631) 755-55s00

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing	is intended to simultaneously satisfy the filing obligation o	of the registrant under any of the following provisions:
 □ Written communications pursuant to Rule 425 under the Soliciting material pursuant to Rule 14a-12 under the Exc □ Pre-commencement communications pursuant to Rule 14 □ Pre-commencement communications pursuant to Rule 13 	change Act (17 CFR 240.14a-12) d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
Securities registered pursuant to Section 12(b) of the Act:		
Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.01 per share	ENZ	The New York Stock Exchange
Indicate by check mark whether the registrant is an emerging the Securities Exchange Act of 1934 (§240.12b-2 of this chap		Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of
		Emerging growth company
If an emerging growth company, indicate by check mark financial accounting standards provided pursuant to Section	x if the registrant has elected not to use the extended transit 13(a) of the Exchange Act. \Box	ion period for complying with any new or revised
Item 8.01. Other Events.		

Settlement Reached with Connecticut

On September 20, 2024, the Office of the Attorney General of Connecticut issued a press release announcing that a settlement (the "Settlement") in the amount of approximately \$1.73 million was entered into with Enzo Biochem, Inc. and its subsidiary, Enzo Clinical Labs, Inc., (together, the "Company"), the assets of which were sold resulting in the cessation of our clinical services operations. The Settlement resolved allegations that Enzo Clinical Labs, Inc. overbilled the Connecticut Medicaid program for testing services in violation of the Connecticut False Claims Act.

The Company previously disclosed in its public filings that, in April 2024, the Company reached a verbal settlement with a government payer and included a provision in the Company's financial statements based on a reasonable estimate of loss in connection therewith. The Settlement is in the amount of the verbal settlement previously referred to in the Company's public filings and is equal to the amount already accrued in the Company's financial statements as of April 30, 2024.

SIGNATURES

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

ENZO BIOCHEM, INC.

By: /s/ Patricia Eckert Patricia Eckert Title: Chief Financial Officer

Date: September 24, 2024