
**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 2, 2025

MINERALYS THERAPEUTICS, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation or organization)

150 N. Radnor Chester Road, Suite F200
Radnor, Pennsylvania
(Address of principal executive offices)

001-41614
(Commission
File Number)

84-1966887
(I.R.S. Employer
Identification No.)

19807
(Zip Code)

(888) 378-6240
(Registrant's telephone number, including area code)

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 of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.0001 per share	MLYS	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 8.01 Other Events.

On September 2, 2025, Mineralys Therapeutics, Inc. (the “Company”) delivered written notice to BofA Securities, Inc. (“BofA”) and Evercore Group L.L.C. (“Evercore”), that it was suspending its use of and terminating the prospectus supplement, dated April 11, 2024, related to the Company’s common stock, \$0.0001 par value per share, issuable pursuant to the terms of the ATM Equity Offering Sales Agreement, dated March 21, 2024, by and among the Company, BofA and Evercore (the “Sales Agreement”). The Company will not make any sales of common stock pursuant to the Sales Agreement unless and until a new prospectus supplement is filed with the Securities and Exchange Commission; however, the Sales Agreement remains in full force and effect.

A copy of the Sales Agreement was filed as Exhibit 1.2 to the Company’s Registration Statement on Form S-3 filed with the Securities and Exchange Commission on March 21, 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.

MINERALYS THERAPEUTICS, INC.

Date: September 2, 2025

By:	<u>/s/ Adam Levy</u>
Name:	Adam Levy
Title:	Chief Financial Officer and Secretary