

Form 144 Filer Information

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

FORM 144

Form 144

NOTICE OF PROPOSED SALE OF SECURITIES
PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

| | |
|--------------------------------|--|
| Filer CIK | 0001693134 |
| Filer CCC | XXXXXXXX |
| Is this a LIVE or TEST Filing? | <input checked="" type="radio"/> LIVE <input type="radio"/> TEST |

Submission Contact Information

| | |
|----------------|--|
| Name | |
| Phone | |
| E-Mail Address | |

144: Issuer Information

| | |
|--|---|
| Name of Issuer | Mineralys Therapeutics, Inc. |
| SEC File Number | 001-41614 |
| Address of Issuer | 150 N. RADNOR CHESTER ROAD SUITE F200 RADNOR PENNSYLVANIA 19087 |
| Phone | (888) 378-6240 |
| Name of Person for Whose Account the Securities are To Be Sold | Levy Adam Scott |

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

| | |
|------------------------|---------|
| Relationship to Issuer | Officer |
|------------------------|---------|

144: Securities Information

| | |
|---|--|
| Title of the Class of Securities To Be Sold | Common Stock |
| Name and Address of the Broker | Merrill Lynch 225 Liberty St Floor 37 New York NY 10281 |
| Number of Shares or Other Units To Be Sold | 59925 |
| Aggregate Market Value | 884370.10 |
| Number of Shares or Other Units Outstanding | 65175287 |
| Approximate Date of Sale | 07/30/2025 |
| Name the Securities Exchange | NASDAQ |

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 03/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |
| Is this a Gift? | <input type="checkbox"/> Date Donor Acquired |
| Amount of Securities Acquired | 35684 |
| Date of Payment | 03/10/2023 |
| Nature of Payment | Granted as part of issuer equity compensation plan |

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 04/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |
| Is this a Gift? | <input type="checkbox"/> Date Donor Acquired |
| Amount of Securities Acquired | 3592 |
| Date of Payment | 04/10/2023 |
| Nature of Payment | Granted as part of issuer equity compensation plan |

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 05/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |
| Is this a Gift? | <input type="checkbox"/> Date Donor Acquired |
| Amount of Securities Acquired | 3593 |
| Date of Payment | 05/10/2023 |
| Nature of Payment | Granted as part of issuer equity compensation plan |

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 06/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |

Is this a Gift?

☐ Date Donor Acquired

| | |
|-------------------------------|--|
| Amount of Securities Acquired | 3592 |
| Date of Payment | 06/10/2023 |
| Nature of Payment | Granted as part of issuer equity compensation plan |

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 07/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |

Is this a Gift?

☐ Date Donor Acquired

| | |
|-------------------------------|--|
| Amount of Securities Acquired | 3593 |
| Date of Payment | 07/10/2023 |
| Nature of Payment | Granted as part of issuer equity compensation plan |

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

| | |
|-----------------------------------|--|
| Title of the Class | Common Stock |
| Date you Acquired | 08/10/2023 |
| Nature of Acquisition Transaction | Vesting of restricted stock unit award |
| Name of Person from Whom Acquired | Mineralys Therapeutics, Inc. |

Is this a Gift?

☐ Date Donor Acquired

| | |
|-------------------------------|------------|
| Amount of Securities Acquired | 3592 |
| Date of Payment | 08/10/2023 |

Nature of Payment

Granted as part of issuer equity compensation plan

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

Title of the Class

Common Stock

Date you Acquired

09/10/2023

Nature of Acquisition Transaction

Vesting of restricted stock unit award

Name of Person from Whom Acquired

Mineralys Therapeutics, Inc.

Is this a Gift?

☐ Date Donor Acquired

Amount of Securities Acquired

3593

Date of Payment

09/10/2023

Nature of Payment

Granted as part of issuer equity compensation plan

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

144: Securities To Be Sold

Title of the Class

Common Stock

Date you Acquired

10/10/2023

Nature of Acquisition Transaction

Vesting of restricted stock unit award

Name of Person from Whom Acquired

Mineralys Therapeutics, Inc.

Is this a Gift?

☐ Date Donor Acquired

Amount of Securities Acquired

2686

Date of Payment

10/10/2023

Nature of Payment

Granted as part of issuer equity compensation plan

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Name and Address of Seller

Adam Levy
150 N. RADNOR CHESTER ROAD
SUITE F200
RADNOR
PA
19087

Title of Securities Sold

Common Stock

Date of Sale

07/11/2025

| | |
|---------------------------|-----------|
| Amount of Securities Sold | 10758 |
| Gross Proceeds | 155454.18 |

144: Securities Sold During The Past 3 Months

| | |
|----------------------------|--|
| Name and Address of Seller | Adam Levy 150 N. RADNOR CHESTER ROAD SUITE F200 RADNOR PA 19087 |
| Title of Securities Sold | Common Stock |
| Date of Sale | 07/28/2025 |
| Amount of Securities Sold | 12946 |
| Gross Proceeds | 181803.62 |

144: Securities Sold During The Past 3 Months

| | |
|----------------------------|--|
| Name and Address of Seller | Adam Levy 150 N. RADNOR CHESTER ROAD SUITE F200 RADNOR PA 19087 |
| Title of Securities Sold | Common Stock |
| Date of Sale | 07/29/2025 |
| Amount of Securities Sold | 807 |
| Gross Proceeds | 11301.90 |

144: Remarks and Signature

| | |
|----------------|------------|
| Remarks | |
| Date of Notice | 07/30/2025 |

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

| | |
|-----------|-----------|
| Signature | Adam Levy |
|-----------|-----------|

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)