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): May 18, 2023

Comera Life Sciences Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 1-41403 (Commission File Number) 87-4706968 (IRS Employer Identification No.)

12 Gill Street Suite 4650 Woburn, Massachusetts (Address of principal executive offices)

01801 (Zip Code)

Registrant's telephone number, including area code: (617) 871-2101

Not Applicable (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)

Dere-commencement communications pursuant to Rule 14d-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	CMRA	The Nasdaq Stock Market LLC
Warrants	CMRAW	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 \boxtimes

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 3.01. Notice of Delisting or Failure to Satisfy Continued Listing Rule or Standard; Transfer of Listing.

On May 18, 2023, Comera Life Sciences Holdings, Inc. (the "Company") received a determination letter (the "Letter") from the staff (the "Staff") of The Nasdaq Stock Market LLC ("Nasdaq") stating that the Company has not regained compliance with the Market Value of Listed Securities ("MVLS") Standard, since the Company's common stock, par value \$0.0001 per share (the "Common Stock"), was below the \$35 million minimum MVLS requirement for continued listing on The Nasdaq Capital Market under Nasdaq Listing Rule 5550(b)(2) (the "MLVS Rule") and had not been at least \$35 million for a minimum of 10 consecutive business days at any time during the 180-day grace period granted to the Company. As previously disclosed, the Company was initially notified by the Staff on November 18, 2022 that the minimum MVLS for the Company's Common Stock was below the \$35 million minimum MVLS requirement for the previous 30 consecutive business days, and in accordance with the Nasdaq Listing Rules, the Company was provided 180 calendar days, or until May 17, 2023, to regain compliance with the MVLS Rule.

Pursuant to the Letter, unless the Company requests a hearing to appeal this determination by 4:00 p.m. Eastern Time on May 25, 2023, the Company's Common Stock will be delisted from The Nasdaq Capital Market, trading of the Company's Common Stock will be suspended at the opening of business on May 30, 2023, and a Form 25-NSE will be filed with the Securities and Exchange Commission, which will remove the Company's securities from listing and registration on Nasdaq.

The Company intends to request a hearing before the Nasdaq Hearings Panel (the "Panel") to appeal the Letter received on May 18, 2023. A hearing request will stay the suspension of trading of the Company's Common Stock, and the Company's Common Stock will continue to trade on The Nasdaq Capital Market until the hearing process concludes and the Panel issues a written decision.

There can be no assurance that the Panel will grant the Company's request for a suspension of delisting or continued listing on The Nasdaq Capital Market. If the Company's Common Stock ceases to be listed for trading on The Nasdaq Capital Market, the Company would expect that its Common Stock would be traded on one of the three tiered marketplaces of the OTC Markets Group.

SIGNATURE

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.

Dated: May 19, 2023

COMERA LIFE SCIENCES HOLDINGS, INC.

By: /s/ Michael Campbell

Name: Michael Campbell Title: Chief Financial Officer