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): August 11, 2023

ASP Isotopes Inc.

(Exact name of registrant as specified in its charter) 001-41555 Delaware 87-2618235 (State or other jurisdiction of (IRS Employer (Commission incorporation) File Number) Identification No.) 1101 Pennsylvania Avenue NW, Suite 300 Washington, DC 20004 (Address of principal executive offices) (Zip Code) Registrant's telephone number, including area code: (202) 756-2245 433 Plaza Real, Suite 275, Boca Raton, FL 33432 (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: Ticker Name of each exchange Title of each class symbol(s) on which registered Common Stock, par value \$0.01 ASPI 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. \square

Item 8.01 Other Events.

On August 11, 2023, ASP Isotopes Inc. (the "Company") received a written notice (the "Notice") from the Listing Qualifications Department (the "Staff") of the Nasdaq Stock Market ("Nasdaq") that the Company has regained compliance with the minimum bid price requirement under Nasdaq Listing Rule 5550(a)(2) (the "Minimum Bid Price Requirement") for continued listing on Nasdaq. In order to regain compliance with the Minimum Bid Price Requirement, the Company's common stock was required to maintain a closing bid price of at least \$1.00 per share for a minimum of ten consecutive trading days. The Minimum Bid Price Requirement was met on August 10, 2023. Accordingly, in the Notice, Nasdaq stated that the matter is now closed. There can be no assurance, however, that the Company will be able to maintain compliance with the Minimum Bid Price Requirement in the future.

Item 9.01 Financial Statements and Exhibits.

Exhibit No.	Description
104	Cover Page Interactive Data File (embedded within the Inline XBRL Document)

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.

ASP ISOTOPES INC.

Date: August 14, 2023 By: /s/Paul Mann

Name: Paul Mann

Title: Chief Executive Officer

3