

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 0001951275

Filer CCC XXXXXXXX

Is this a LIVE or TEST Filing? ☒ LIVE ☐ TEST

Submission Contact Information

Name

Phone

E-Mail Address

144: Issuer Information

Name of Issuer ASP Isotopes Inc.

SEC File Number 001-41555

Address of Issuer 601 PENNSYLVANIA AVENUE NW
SOUTH BUILDING, SUITE 900
WASHINGTON
DISTRICT OF COLUMBIA
20004

Phone 2027562245

Name of Person for Whose Account the Securities are To Be Sold Ainscow Robert

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 Independent Trading Group (ITG) Inc.
33 Yonge Street
Suite 420
Toronto
A6
M5E 1G4

Number of Shares or Other Units To Be Sold 22500

Aggregate Market Value 299700

Number of Shares or Other Units Outstanding 93406629

Approximate Date of Sale 10/14/2025

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	04/14/2025
Nature of Acquisition Transaction	Acquired as compensation -- Restricted Stock Award
Name of Person from Whom Acquired	Issuer

Is this a Gift?

☐ Date Donor Acquired

Amount of Securities Acquired	40000
Date of Payment	04/14/2025
Nature of Payment	Equity Compensation

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	Ainscow Robert 601 PENNSYLVANIA AVENUE NW SOUTH BUILDIN SUITE 900 WASHINGTON DC 20004
Title of Securities Sold	Common Stock
Date of Sale	09/08/2025
Amount of Securities Sold	8438
Gross Proceeds	71944.92

144: Remarks and Signature

Remarks	
Date of Notice	10/16/2025
Date of Plan Adoption or Giving of Instruction, If Relying on Rule 10b5-1	06/09/2025

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