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	C/O ASP ISOTOPES INC. 1101 PENNSYLVANIA AVENUE NW, SUITE 300 WASHINGTON DC 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	67500
Aggregate Market Value	438750.00
Number of Shares or Other Units Outstanding	110574009
Approximate Date of Sale	11/17/2025
Name the Securities Exchange	NASDAQ

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	25000
Aggregate Market Value	162500.00
Number of Shares or Other Units Outstanding	110574009
Approximate Date of Sale	11/25/2025
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	11/15/2022
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	600000
Date of Payment	11/15/2022
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	71945

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	10/14/2025
Amount of Securities Sold	22500
Gross Proceeds	305978

144: Remarks and Signature

Remarks	Each sale of shares reported in this Form 144 is expected to be sold on the date indicated pursuant to a Rule 10b5-1 trading plan. Such transactions include amounts for the purpose of satisfying the Reporting Person's income tax liabilities resulting from the vesting of previously granted restricted stock awards pursuant to an issuer equity incentive plan. The Aggregate Market Value of the shares to be sold is based on the closing market price of $6.50 on November 17, 2025.
Date of Notice	11/17/2025
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

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