



DIVISION OF  
CORPORATION FINANCE

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

July 2, 2024

Paul Mann  
Chief Executive Officer  
ASP Isotopes Inc.  
1101 Pennsylvania Avenue NW, Suite 300  
Washington, DC 20004

**Re: ASP Isotopes Inc.**  
**Form 10-K for the Fiscal Year Ended December 31, 2023**  
**File No. 001-41555**

Dear Paul Mann:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance  
Office of Industrial Applications and  
Services