

October 24, 2022

Via EDGAR

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, NE  
Washington, DC 20549

Attn: Jordan Nimitz  
Margaret Schwartz

**Re: ASP Isotopes Inc.  
Registration Statement on Form S-1  
File No. 333-267392**

Ladies and Gentlemen:

ASP Isotopes Inc. (the "*Company*") hereby requests to withdraw the request for acceleration of effectiveness of the above-referenced registration statement to Monday, October 24, 2022 at 4:00 p.m. which was delivered to you on October 21, 2022.

The Company intends to submit the acceleration request letter at a later time.

If you have any questions regarding this letter, please call Donald Ainscow at (858) 677-1470.

Very truly yours,

ASP Isotopes Inc.

By: /s/ Paul Mann  
Name: Paul Mann  
Title: Chief Executive Officer