

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-01 16:39:11  
Date of Next Testing: 2026-02-28 16:39:11  
Product Name: **H-ASP-PHE-OH**  
CAS Number: 13433-09-5  
Specifications & Purity: 98%  
Lot #: B2324621  
SKU #: **H302429**  
**Analysis: 175779**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>D</sub> (c=1 in 0.5M HCl)	9.5-15.5 (°)	12.28400°
Nitrogen	9.5-10.4 (%)	9.97%
Carbon	53.2-58.2 (%)	55.04%
Purity(HPLC)	98-100 (%)	99.79800%
Appearance (H302429)	White to Beige Powder or solid	White to Beige Powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager