

## Certificate of Analysis

Date of Testing: 2022-05-11 10:58:28  
Date of Next Testing: 2026-05-10 10:58:28  
Product Name: **4-Amino-L-phenylalanine**  
CAS Number: 943-80-6  
Specifications & Purity: 98%  
Lot #: G1816131  
SKU #: **A105992**  
**Analysis:** **090172**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1.5 in H <sub>2</sub> O) (calcd.on anh.substance)	-45--42 (°)	-42.50°
Purity(HPLC)	98-100 (%)	99.56200 %
Appearance (A105992)	White to Light Brown Powder, Crystals, Solid, Chunks	White to Light Brown Powder, Crystals, Solid, Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager