

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 10:10:33

Date of Next Testing: 2029-04-16 10:10:33

Product Name: **D-Phenylalanine**

CAS Number: 673-06-3

Specifications & Purity: Moligand™, ≥98%

Lot #: D2508728

SKU #: **P109094**

Version: **0**

Analysis #: **384204**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	33-35 (°)	33.26000 °
Nitrogen by Elemental Analysis	8.2-8.8 (%)	8.21000 %
Carbon by Elemental Analysis	64.1-66.7 (%)	64.13000 %
Purity(HPLC)	98-100 (%)	99.12000 %
Appearance (P109094)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency
Solubility in 1 M HCl , Colorless to yellow,clear to slightly hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager