

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-17 15:51:30
 Date of Next Testing: 2030-03-16 15:51:30
 Product Name: **L-Phenylalanine**
 CAS Number: 63-91-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: C2609568
 SKU #: **P110424**
 Version: **1**
 Analysis #: **676080**
 Storage Temperature: Protected from light, Room temperature, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.19000 %
Loss on drying	0-0.3 (%)	0.00000 %
Pb measure	0-10 (ppm)	0.00000 ppm
pH	5.4-6	5.49000
Heavy metal (as Pb)	0-20 (ppm)	0.00000 ppm
Sulfate Ash	0-0.1 (%)	0.00000 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	-35.5~-33.5 (°)	-33.52000 °
Appearance (P110424)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager