

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-26 17:43:04
Date of Next Testing: 2029-11-25 17:43:04
Product Name: **L-Phenylalanine**
CAS Number: 63-91-2
Specifications & Purity: Moligand™, ≥99%
Lot #: K2524536
SKU #: **P110424**
Version: **1**
Analysis #: **613645**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.19 %
Loss on drying	0-0.3 (%)	0.00 %
Pb measure	0-10 (ppm)	0.00 ppm
pH	5.4-6	5.49
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	-35.5~-33.5 (°)	-33.52°
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