

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-29 16:05:21  
Date of Next Testing: 2030-06-28 16:05:21  
Product Name: **L-Phenylalanine**  
CAS Number: 63-91-2  
Specifications & Purity: Moligand™, ≥99%  
Lot #: F2625448  
SKU #: **P110424**  
Version: **1**  
Analysis #: **732466**  
Storage Temperature: Protected from light, Room temperature, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.90000 %
Loss on drying	0-0.3 (%)	0.00000 %
Pb measure	0-10 (ppm)	0.00000 ppm
pH	5.4-6	5.75000
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 (°)	-34.34300 °
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