

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-02-26 10:43:25
Date of Next Testing:	2028-02-25 10:43:25
Product Name:	L-Phenylalanine
CAS Number:	63-91-2
Specifications & Purity:	99%
Lot #:	B2422123
SKU #	P110424
Analysis:	323942
Storage Temperature:	Protected from light, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.35 %
Loss on drying	0-0.3 (%)	0.10 %
Pb measure	0-10 (ppm)	2.00 ppm
PH	5.4-6	5.70
Heavy metal (as Pb)	0-20 (ppm)	5.23 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	-35.5~-33.5 (°)	-33.50 °
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