

Certificate of Analysis

Date of Testing: 2023-02-06 20:41:15
Date of Next Testing: 2027-02-05 20:41:15
Product Name: **L-Phenylalanine**
CAS Number: 63-91-2
Specifications & Purity: 99%
Lot #: B2303904
SKU #: **P110424**
Analysis: **114775**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Purity	99-100 (%)	99.98 %
Loss on drying	0-0.3 (%)	0.10 %
Pb measure	0-10 (ppm)	6.69 ppm
PH	5.4-6	5.70
Heavy metal (as Pb)	0-20 (ppm)	5.23 ppm
Sulfate Ash	0-0.1 (%)	0.10 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	33.5-35.5 (°)	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