

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-25 15:17:54

Date of Next Testing: 2030-03-24 15:17:54

Product Name: **L-Alanine**

CAS Number: 56-41-7

Specifications & Purity: Moligand™, ≥99%

Lot #: C2612264

SKU #: **A108263**

Version: **0**

Analysis #: **662795**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Lead(Pb)	0-10 (ppm)	0.00000 ppm
Mercury(Hg)	0-1 (ppm)	0.00000 ppm
Cadmium(Cd)	0-1 (ppm)	0.00000 ppm
Carbon by Elemental Analysis	40-41 (%)	40.17300 %
(As)Arsenic	0-3 (ppm)	0.00000 ppm
Specific Rotation [α] ₂₀ /D(c=10 in HCl)(after drying)	13.2-15 (°)	13.84500 °
Nitrogen by Elemental Analysis	15.2-16.2 (%)	15.65200 %
Purity(Nonaqueous Titration)after drying	99-101 (%)	99.02000 %
Appearance (A108263)	white powder and/or chunks	white powder and/or chunks
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager