

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 15:44:01

Date of Next Testing: 2029-05-19 15:44:01

Product Name: **DL-Alanine**

CAS Number: 302-72-7

Specifications & Purity: $\geq 99\%$

Lot #: E2516115

SKU #: **A100051**

Version: **1**

Analysis #: **371483**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Transmission(c=10, H ₂ O, 430 nm, 1 cm cell)	95-100 (%)	98.70000 %
Sulfate Ash	0-0.1 (%)	0.00000 %
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Purity(Nonaqueous Titration)	98.5-101.5 (%)	101.09000 %
Loss on drying(105°C, 3h)	0-0.2 (%)	0.00778 %
PH(2.5% ,25°C)	5.5-7	5.96000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (A100051)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager