

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-13 14:59:31

Date of Next Testing: 2028-12-12 14:59:31

Product Name: **DL-Alanine**

CAS Number: 302-72-7

Specifications & Purity: $\geq 99\%$

Lot #: B2103114

SKU #: **A100051**

Version: **1**

Analysis #: **449099**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Transmission(c=10, H ₂ O, 430 nm, 1 cm cell)	95-100 (%)	97.83800 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.12800 %
Sulfate Ash	0-0.1 (%)	0.06680 %
Heavy metal (as Pb)	0-10 (ppm)	2.61200 ppm
Loss on drying(105°C, 3h)	0-0.2 (%)	0.04080 %
PH(2.5% ,25°C)	5.5-7	6.19800
Appearance (A100051)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager