

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-11 16:53:52
Date of Next Testing: 2028-11-10 16:53:52
Product Name: **DL-Alanine**
CAS Number: 302-72-7
Specifications & Purity: $\geq 99\%$
Lot #: K2404064
SKU #: **A100051**
Version: **1**
Analysis #: **372090**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Transmission(c=10, H ₂ O, 430 nm, 1 cm cell)	95-100 (%)	98.69%
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.97%
Sulfate Ash	0-0.1 (%)	0.04%
Heavy metal (as Pb)	0-10 (ppm)	1.05 ppm
Loss on drying(105°C, 3h)	0-0.2 (%)	0.10%
PH(2.5% ,25°C)	5.5-7	6.53
Appearance (A100051)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager