

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-03-10 14:25:44
Date of Next Testing: 2025-03-09 14:25:44
Product Name: **DL-Alanine**
CAS Number: 302-72-7
Specifications & Purity: $\geq 99\%$
Lot #: B2103111
SKU #: **A100051**
Version: **1**
Analysis #: **001142**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Transmission(c=10, H ₂ O, 430 nm, 1 cm cell)	95-100 (%)	97.84000 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.13000 %
Sulfate Ash	0-0.1 (%)	0.06700 %
Heavy metal (as Pb)	0-10 (ppm)	2.61400 ppm
Loss on drying(105°C, 3h)	0-0.2 (%)	0.04100 %
PH(2.5% ,25°C)	5.5-7	6.20000
Appearance (A100051)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager