

Certificate of Analysis

Date of Testing: 2025-08-22 16:38:07
Date of Next Testing: 2029-08-21 16:38:07
Product Name: **DL-Alanine**
CAS Number: 302-72-7
Specifications & Purity: $\geq 99\%$
Lot #: H2518155
SKU #: **A100051**
Version: **1**
Analysis #: **372063**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Transmission(c=10, H ₂ O, 430 nm,1 cm cell)	95-100 (%)	98.63%
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.83%
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	6.52
Appearance (A100051)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager