

Certificate of Analysis

Date of Testing: 2023-12-22 16:42:36
Date of Next Testing: 2027-12-21 16:42:36
Product Name: **D-Alanine**
CAS Number: 338-69-2
Specifications & Purity: 98%
Lot #: L2312030
SKU #: **A109095**
Version: **0**
Analysis #: **083331**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=2 in 6 M HCl)	-15--13 (°)	-13.09°
Purity(HPLC)	98-100 (%)	99.98300%
Appearance (A109095)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless and clear (50mg/ml)	pass	Pass



John Su
QA & QC Manager