

Certificate of Analysis

Date of Testing: 2024-05-08 14:35:24

Date of Next Testing: 2028-05-07 14:35:24

Product Name: **D-Alanine**

CAS Number: 338-69-2

Specifications & Purity: 98%

Lot #: D2424021

SKU #: **A109095**

Version: **0**

Analysis #: **083331**

Parameter	Limit Values	Result
Specific Rotation [α] 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