

## Certificate of Analysis

Date of Testing: 2024-09-02 11:49:31  
Date of Next Testing: 2028-09-01 11:49:31  
Product Name: **D-Alanine**  
CAS Number: 338-69-2  
Specifications & Purity: 98%  
Lot #: H2426091  
SKU #: **A109095**  
Version: **0**  
Analysis #: **083331**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 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 <sub>2</sub> O , colorless and clear (50mg/ml)	pass	Pass



John Su  
QA & QC Manager