

Certificate of Analysis

Date of Testing: 2024-04-11 16:54:43

Date of Next Testing: 2028-04-10 16:54:43

Product Name: **D-Alanine**

CAS Number: 338-69-2

Specifications & Purity: 98%

Lot #: D2401030

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 |



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QA & QC Manager