

Certificate of Analysis

Date of Testing: 2023-06-29 14:51:21

Date of Next Testing: 2027-06-28 14:51:21

Product Name: **N-Acetyl-D-alanine**

CAS Number: 19436-52-3

Specifications & Purity: $\geq 98\%$

Lot #: F2315624

SKU #: **A109205**

Version: **0**

Analysis #: **172666**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87100 %
Specific Rotation $[\alpha]_{25}^D(c=1 \text{ in H}_2\text{O})$	63.5-66 ($^{\circ}$)	63.89 $^{\circ}$
Appearance (A109205)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass



John Su
QA & QC Manager