

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-29 14:37:30
 Date of Next Testing: 2027-06-28 14:37:30
 Product Name: **N-Acetyl-D-alanine**
 CAS Number: 19436-52-3
 Specifications & Purity: $\geq 98\%$
 Lot #: F2315592
 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 ($^{\circ}$)	63.89000 $^{\circ}$
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