

Certificate of Analysis

Date of Testing: 2025-01-20 15:10:01

Date of Next Testing: 2029-01-19 15:10:01

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

CAS Number: 19764-30-8

Specifications & Purity: $\geq 99\%$

Lot #: A2513233

SKU #: **A106206**

Version: **0**

Analysis #: **369519**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	100.18 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in EtOH})$	20-24 ($^{\circ}$)	21.55 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.18000 %
Appearance (A106206)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear to Hazy ,50 mg/ml of EtOH	pass	Pass



John Su
QA & QC Manager