

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-24 16:54:13

Date of Next Testing: 2027-02-23 16:54:13

Product Name: **N-Acetyl-L-leucine**

CAS Number: 1188-21-2

Specifications & Purity: $\geq 99\%$

Lot #: B2321053

SKU #: **A101039**

Version: **0**

Analysis #: **191198**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-26--20 (°)	-25.74500 °
Purity(Neutralization titration)	98.5-101.5 (%)	98.51000 %
Melting point	179-186 (°C)	180.85000 °C
Purity(HPLC)	98-100 (%)	98.05000 %
Appearance (A101039)	White Crystals, Powder or Crystalline Solid	White Crystals, Powder or Crystalline Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear Colorless,c = 5%	pass	Pass



John Su
QA & QC Manager