

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-08 13:21:32

Date of Next Testing: 2027-05-07 13:21:32

Product Name: **L-Norleucine**

CAS Number: 327-57-1

Specifications & Purity: $\geq 99\%$

Lot #: D2321401

SKU #: **N109230**

Version: **0**

Analysis #: **050498**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity((NT)	98.5-101.5 (%)	99.22000 %
Specific Rotation [a] ₂₀ /D(c=5 in 5 M HCl)	22-24 (°)	22.04000 °
Appearance (N109230Color)	White to off-white	White to off-white
Appearance (N109230Form)	Powder to crystal	Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager