

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 10:04:35

Date of Next Testing: 2029-08-20 10:04:35

Product Name: **L-Norvaline**

CAS Number: 6600-40-4

Specifications & Purity: $\geq 99\%$

Lot #: H2508786

SKU #: **N106215**

Version: **1**

Analysis #: **511982**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.48000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 5N \text{ HCl})$	22.5-25.5 ($^{\circ}$)	22.54000 $^{\circ}$
Appearance (N106215)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass
TLC Analysis	One spot	One spot



John Su
QA & QC Manager