

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-11 14:39:02

Date of Next Testing: 2029-09-10 14:39:02

Product Name: **DL-Norvaline**

CAS Number: 760-78-1

Specifications & Purity: $\geq 99\%$

Lot #: K2129120

SKU #: **N100542**

Version: **0**

Analysis #: **571110**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in } 5 \text{ M HCl})$	-0.1-0.1 (°)	0.09780°
Purity(HPLC)	99-100 (%)	99.95600 %
Appearance (N100542)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear(50 mg/mL, H ₂ O)	pass	Pass



John Su
QA & QC Manager