

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-12 09:15:30

Date of Next Testing: 2027-02-12 09:15:30

Product Name: **L-Norvaline ethyl ester hydrochloride**

CAS Number: 40918-51-2

Specifications & Purity: $\geq 98\%$

Lot #: E2305021

SKU #: **L135831**

Version: **0**

Analysis #: **469852**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	99.60000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	8-10 (°)	8.50000 °
Melting point	107-111 (°C)	110.00000 °C
Appearance (L135831)	white to light grey powder	white to light grey powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager