

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-22 09:47:43
 Date of Next Testing: 2028-07-21 09:47:43
 Product Name: **L-Norvaline ethyl ester hydrochloride**
 CAS Number: 40918-51-2
 Specifications & Purity: $\geq 98\%$
 Lot #: G1516053
 SKU #: **L135831**
 Version: **0**
 Analysis #: **738672**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Argentometric Titration)	98-100 (%)	99.56000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	8-10 (°)	8.45000 °
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