

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-09 09:07:24
 Date of Next Testing: 2028-05-08 09:07:24
 Product Name: **L-Alanine methyl ester hydrochloride**
 CAS Number: 2491-20-5
 Specifications & Purity: $\geq 98\%$
 Lot #: D2623035
 SKU #: **A100815**
 Version: **0**
 Analysis #: **671933**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	108-112 (°C)	110.74000 °C
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in MeOH})}$	5-8 (°)	7.29700 °
Purity (Argentmetric Titration)	98-100 (%)	99.26000 %
Appearance (A100815)	White Powder or Crystals	White Powder or Crystals
Solubility in H ₂ O , Colorless, Clear, 100 mg/mL, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager