

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-11 14:28:53
Date of Next Testing: 2025-04-10 14:28:53
Product Name: **L-Alanine methyl ester hydrochloride**
CAS Number: 2491-20-5
Specifications & Purity: $\geq 98\%$
Lot #: F2117073
SKU #: **A100815**
Version: **0**
Analysis #: **209107**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	108-112 (°C)	110.50000 °C
Purity (Argentometric Titration)	98-100 (%)	98.14500 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	5-8 (°)	6.60000 °
Appearance (A100815)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless, Clear, 100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager