

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-18 17:24:05

Date of Next Testing: 2024-03-17 17:24:05

Product Name: **L-Alanine methyl ester hydrochloride**

CAS Number: 2491-20-5

Specifications & Purity: $\geq 98\%$

Lot #: C2211096

SKU #: **A100815**

Version: **0**

Analysis #: **075960**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	108-112 (°C)	110.76000 °C
Purity (Argentmetric Titration)	98-100 (%)	99.89600 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	5-8 (°)	7.98600 °
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