

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-09 09:10:16

Date of Next Testing: 2028-05-08 09:10:16

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

CAS Number: 2491-20-5

Specifications & Purity:  $\geq 98\%$

Lot #: D2623036

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 <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O | pass                     | Pass                     |
| Infrared spectrum                                                              | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager