

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-09 15:10:34

Date of Next Testing: 2026-04-09 15:10:34

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

CAS Number: 2491-20-5

Specifications & Purity:  $\geq 98\%$

Lot #: D2403651

SKU # **A100815**

Version **0**

**Analysis #:** **328634**

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

| Parameter                                                                      | Limit Values             | Result                   |
|--------------------------------------------------------------------------------|--------------------------|--------------------------|
| Melting point                                                                  | 108-112 (°C)             | 109.60000 °C             |
| Purity (Argentmetric Titration)                                                | 98-100 (%)               | 98.96000 %               |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$                       | 5-8 (°)                  | 7.43000 °                |
| Appearance (A100815)                                                           | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum                                                              | Conforms to Structure    | Conforms to Structure    |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O | pass                     | Pass                     |



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