

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-07 10:59:24

Date of Next Testing: 2027-07-06 10:59:24

Product Name: **L-Lysine methyl ester dihydrochloride**

CAS Number: 26348-70-9

Specifications & Purity:  $\geq 98\%$

Lot #: F2327963

SKU #: **L100451**

Version: **0**

Analysis #: **193631**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Nitrogen by Elemental Analysis                                  | 11.8-12 (%)           | 11.98200 %            |
| Carbon by Elemental Analysis                                    | 35.6-36.4 (%)         | 36.03100 %            |
| Purity(HPLC)                                                    | 98-100 (%)            | 99.18900 %            |
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ | 13-19 (°)             | 16.29400 °            |
| Appearance (L100451)                                            | white powder          | White powder          |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager