

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-25 15:24:44

Date of Next Testing: 2027-04-24 15:24:44

Product Name: **DL-Lysine-HCl**

CAS Number: 70-53-1

Specifications & Purity: BioReagent

Lot #: D2318165

SKU #: **L117216**

Version: **0**

Analysis #: **053485**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | -1-1 (°)              | -0.06300 °            |
| Purity(Titration by AgNO <sub>3</sub> )                         | 97.5-102.5 (%)        | 100.35000 %           |
| Proton NMR spectrum                                             | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , very faint turbidity           | pass                  | Pass                  |



John Su  
QA & QC Manager