

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-26 14:20:33

Date of Next Testing: 2028-06-25 14:20:33

Product Name: **D-Homoserine**

CAS Number: 6027-21-0

Specifications & Purity:  $\geq 96\%$

Lot #: F2421302

SKU #: **H101557**

Version: **0**

Analysis #: **336462**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Purity(NonaqueousTitration)                                     | 95.5-104.5 (%)        | 98.35000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$ | 6-10 (°)              | 8.06000 °             |
| Purity(HPLC)                                                    | 96-100 (%)            | 96.80000 %            |
| Appearance (H101557)                                            | white powder          | White powder          |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager