

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-26 14:21:08

Date of Next Testing: 2028-06-25 14:21:08

Product Name: **D-Homoserine**

CAS Number: 6027-21-0

Specifications & Purity: $\geq 96\%$

Lot #: F2421303

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