

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-15 17:22:29

Date of Next Testing: 2027-08-14 17:22:29

Product Name: **L-Homoserine**

CAS Number: 672-15-1

Specifications & Purity: $\geq 98\%$

Lot #: H2311041

SKU #: **H105430**

Version: **0**

Analysis #: **031564**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO_4)	97.5-102.5 (%)	98.58000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } \text{H}_2\text{O})$	-10--6 (°)	-8.85400 °
Appearance (H105430)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H_2O , 50 mg/mL, H_2O	pass	Pass



John Su
QA & QC Manager