

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-27 13:16:31

Date of Next Testing: 2028-04-26 13:16:31

Product Name: **L-Homoserine**

CAS Number: 672-15-1

Specifications & Purity: $\geq 98\%$

Lot #: D2411472

SKU #: **H105430**

Version: **0**

Analysis #: **331397**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-10--6 (°)	-8.38000 °
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.00000 %
Appearance (H105430)	White to Off-White to light yellow Crystals or powder	White to Off-White to light yellow Crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager