

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-12 14:03:11

Date of Next Testing: 2028-03-11 14:03:11

Product Name: **L-Homoserine**

CAS Number: 672-15-1

Specifications & Purity: $\geq 98\%$

Lot #: B2429295

SKU #: **H105430**

Version: **0**

Analysis #: **314124**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.36000 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-10--6 (°)	-8.82300 °
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, pass H ₂ O		Pass



John Su
QA & QC Manager