

Certificate of Analysis

Date of Testing: 2022-09-16 16:05:53

Date of Next Testing: 2026-09-15 16:05:53

Product Name: **L-Homoserine**

CAS Number: 672-15-1

Specifications & Purity: 98%

Lot #: I2209468

SKU #: **H105430**

Analysis: **111463**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.48 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-10--6 (°)	-8.03 °
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