

Certificate of Analysis

Date of Testing: 2024-10-16 09:12:49

Date of Next Testing: 2028-10-15 09:12:49

Product Name: **DL-Homoserine**

CAS Number: 1927-25-9

Specifications & Purity: $\geq 99\%$

Lot #: J2412342

SKU # **H100541**

Version **1**

Analysis #: **368067**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	98.50 %
Melting point	188-189 (°C)	188.50000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (H100541)	White powder	White powder
Solubility in H ₂ O , Colorless transparent solution	pass	Pass



John Su
QA & QC Manager