

Certificate of Analysis

Date of Testing: 2024-04-15 15:14:48

Date of Next Testing: 2028-04-14 15:14:48

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: 99%

Lot #: D2412290

SKU #: **M109223**

Analysis: **333994**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in 2N HCl)	-25--21 (°)	-23.20000 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.60000 %
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.60 %
Carbon by Elemental Analysis	39.1-41.3 (%)	40.10 %
Purity(HPLC)	99-100 (%)	99.00000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (m109223)	white powder	White powder
Solubility in H ₂ O,Colorless and clear or almost transparency,50 mg/mL	Pass	Pass



John Su
QA & QC Manager