

Certificate of Analysis

Date of Testing: 2024-07-03 14:48:51

Date of Next Testing: 2028-07-02 14:48:51

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: 99%

Lot #: G2402398

SKU #: **M109223**

Version: **2**

Analysis #: **343282**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.59 %
Carbon by Elemental Analysis	39.1-41.3 (%)	40.28 %
Purity(HPLC)	99-100 (%)	99.90800 %
Specific Rotation [α] ₂₀ /D(c=2 in 2N HCl)	-25--21 (°)	-21.07100 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.98000 %
Appearance (m109223)	white powder	White powder
Solubility in H ₂ O,Colorless and clear or almost transparency,50 mg/mL	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager