

Certificate of Analysis

Date of Testing: 2023-05-17 11:58:42

Date of Next Testing: 2027-05-16 11:58:42

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: 99%

Lot #: E23101112

SKU #: **M109223**

Analysis: **151695**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.45 %
Carbon by Elemental Analysis	39.1-41.3 (%)	40.02 %
Purity(HPLC)	99-100 (%)	99.11500 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2N \text{ HCl})$	-25 ~ -21 (°)	-21.03000 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.01200 %
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