

Certificate of Analysis

Date of Testing: 2024-12-03 08:59:09

Date of Next Testing: 2028-12-02 08:59:09

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: $\geq 99\%$

Lot #: K2429083

SKU #: **M109223**

Version: **2**

Analysis #: **408579**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.47 %
Carbon by Elemental Analysis	39.1-41.3 (%)	39.84 %
Purity(HPLC)	99-100 (%)	99.05300 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 2N \text{ HCl})}$	-25--21 (°)	-21.13100 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.17000 %
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