

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-05 16:04:46

Date of Next Testing: 2026-08-04 16:04:46

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: $\geq 99\%$

Lot #: H2203343

SKU #: **M109223**Version: **2**Analysis #: **098230**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39.1-41.3 (%)	39.75000 %
Purity(HPLC)	99-100 (%)	99.82000 %
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.10100 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2N \text{ HCl})$	-25 ~ -21 (°)	-21.01000 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.00100 %
Appearance (m109223)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear,50 mg/mL	pass	Pass

John Su
QA & QC Manager