

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-15 15:16:29

Date of Next Testing: 2028-04-14 15:16:29

Product Name: **D-Methionine**

CAS Number: 348-67-4

Specifications & Purity: $\geq 99\%$

Lot #: D2412294

SKU #: **M109223**

Version: **2**

Analysis #: **333994**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 2N \text{ HCl})}$	-25--21 (°)	-23.20000 °
Assay(Nonaqueous Titration)	99-102.5 (%)	99.60000 %
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.60000 %
Carbon by Elemental Analysis	39.1-41.3 (%)	40.10000 %
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