

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-17 11:59:16
 Date of Next Testing: 2027-05-16 11:59:16
 Product Name: **D-Methionine**
 CAS Number: 348-67-4
 Specifications & Purity: $\geq 99\%$
 Lot #: E23101124
 SKU #: **M109223**
 Version: **2**
 Analysis #: **151695**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.44700 %
Carbon by Elemental Analysis	39.1-41.3 (%)	40.01700 %
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