

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-15 15:35:48

Date of Next Testing: 2030-06-14 15:35:48

Product Name: **DL-Methionine**

CAS Number: 59-51-8

Specifications & Purity: $\geq 99\%$

Lot #: F2612444

SKU #: **M104886**

Version: **1**

Analysis #: **713473**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.44000 %
Carbon by Elemental Analysis	39.8-40.6 (%)	40.28300 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.66000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 2N \text{ HCl})$	-2~2 (°)	0.50100 °
Appearance (M104886)	White to Off-White Solid	White to off-white solid
Solubility in H ₂ O , Colorless, Clear, 50 mg/ml H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager