

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-13 14:50:30  
Date of Next Testing: 2026-12-12 14:50:30  
Product Name: **DL-Methionine**  
CAS Number: 59-51-8  
Specifications & Purity: 99%  
Lot #: L2209309  
SKU #: **M104886**  
**Analysis: 157515**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.45 %
Carbon by Elemental Analysis	39.8-40.6 (%)	40.22 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	98.97 %
Appearance (M104886)	White Powder, Crystals, Flakes, or chips	White Powder, Crystals, Flakes, or chips
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, Clear, 50 mg/ml H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager