

## Certificate of Analysis

Date of Testing: 2022-08-15 09:11:54  
Date of Next Testing: 2026-08-14 09:11:54  
Product Name: **DL-Methionine**  
CAS Number: 59-51-8  
Specifications & Purity: 99%  
Lot #: H2209552  
SKU #: **M104886**  
Version: **0**  
Analysis #: **100693**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.42 %
Carbon by Elemental Analysis	39.8-40.6 (%)	40.38 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.20 %
Appearance (M104886)	White Powder, Crystals, Flakes, or chips	White Powder, Crystals, Flakes, or chips
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su  
QA & QC Manager