

## Certificate of Analysis

Date of Testing: 2024-11-21 13:54:21  
Date of Next Testing: 2028-11-20 13:54:21  
Product Name: **L-Methionine**  
CAS Number: 63-68-3  
Specifications & Purity: Moligand™, ≥99%  
Lot #: K2415556  
SKU #: **M101130**  
Version: **1**  
Analysis #: **383452**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39.4-41 (%)	39.42%
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.32%
Purity(HPLC)	99-100 (%)	99.10000%
Specific Rotation [α] <sub>20</sub> /D(c=2 in 6 M HCl)	22.4-24.7 (°)	22.41°
Appearance (M101130)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl, Colorless, Clear, 50 mg/ml	pass	Pass



John Su  
QA & QC Manager