

Certificate of Analysis

Date of Testing: 2023-07-21 18:09:41
Date of Next Testing: 2027-07-20 18:09:41
Product Name: **L-Methionine**
CAS Number: 63-68-3
Specifications & Purity: Moligand™, ≥99%
Lot #: G2315932
SKU #: **M101130**
Version: **1**
Analysis #: **245784**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39.4-41 (%)	40.20%
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.47%
Purity(HPLC)	99-100 (%)	99.11100%
Specific Rotation [α] ₂₀ /D(c=2 in 6 M HCl)	22.4-24.7 (°)	24.39°
Appearance (M101130)	white powder	White powder
Solubility in 1 M HCl, Colorless, Clear, 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager