

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-18 14:50:36
 Date of Next Testing: 2029-03-17 14:50:36
 Product Name: **L-Methionine(H-Met-OH)**
 CAS Number: 63-68-3
 Specifications & Purity: Moligand™, ≥99%
 Lot #: C2512516
 SKU #: **M101130**
 Version: **2**
 Analysis #: **456693**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	39.4-41 (%)	40.43000 %
Nitrogen by Elemental Analysis	9.1-9.7 (%)	9.47000 %
Purity(HPLC)	99-100 (%)	99.56500 %
Specific Rotation [α] _{20/D} (c=2 in 6 M HCl)	22.4-24.7 (°)	22.41000 °
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