

Certificate of Analysis

Date of Testing: 2025-04-24 18:37:03
 Date of Next Testing: 2029-04-23 18:37:03
 Product Name: **L-Methionine sulfoximine (MSX)**
 CAS Number: 15985-39-4
 Specifications & Purity: Moligand™, ≥98%
 Lot #: D2517518
 SKU #: **M111096**
 Version: **1**
 Analysis #: **492449**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	14.7-15.9 (%)	15.30 %
Specific Rotation [α] ₂₅ /D(c=1 in H ₂ O)	10.8-14 (°)	12.90 °
Carbon by Elemental Analysis	30.9-34.5 (%)	32.10 %
Purity(HPLC)	98-100 (%)	99.00000 %
Appearance (M111096)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, clear to lightly hazy (50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager