

Certificate of Analysis

Date of Testing: 2024-01-11 13:38:28
Date of Next Testing: 2028-01-10 13:38:28
Product Name: **L-Methionine sulfoximine**
CAS Number: 15985-39-4
Specifications & Purity: 98%
Lot #: A2409391
SKU #: **M111096**
Version: **1**
Analysis #: **309070**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	14.7-15.9 (%)	15.38 %
Carbon by Elemental Analysis	30.9-34.5 (%)	32.30 %
Purity(HPLC)	98-100 (%)	99.20000 %
Specific Rotation [α] _{25/D} (c=1 in H ₂ O)	10.8-14 (°)	12.90°
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