

Certificate of Analysis

Date of Testing: 2023-08-04 08:54:31
Date of Next Testing: 2025-07-24 08:54:31
Product Name: **S-Methyl-L-cysteine**
CAS Number: 1187-84-4
Specifications & Purity: 98%,substrate for methionine sulfoxide reductase
Lot #: K2112201
SKU #: **M116973**
Analysis: 259408
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	34.8-36.3 (%)	35.29%
Nitrogen	10-10.8 (%)	10.01%
Purity(NonaqueousTitration)	98-100 (%)	98.24%
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-33--26 (°)	-30.81°
Appearance (M116973)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
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