

## Certificate of Analysis

Date of Testing: 2024-06-15 14:03:33  
Date of Next Testing: 2026-06-05 14:03:33  
Product Name: **S-Methyl-L-cysteine**  
CAS Number: 1187-84-4  
Specifications & Purity: 98%,substrate for methionine sulfoxide reductase  
Lot #: B1928107  
SKU #: **M116973**  
Version: **0**  
Analysis #: **369339**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	34.8-36.3 (%)	35.24 %
Nitrogen	10-10.8 (%)	10.16 %
Purity(NonaqueousTitration)	98-100 (%)	98.93 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	-33--26 (°)	-29.84 °
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 <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager