

## 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 #: K2112210

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] <sub>20</sub> /D(c=2 in H <sub>2</sub> 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 <sub>2</sub> O)	pass	Pass



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