

## Certificate of Analysis

Date of Testing: 2024-07-31 12:08:13

Date of Next Testing: 2028-07-30 12:08:13

Product Name: **L-Methionine sulfoximine**

CAS Number: 15985-39-4

Specifications & Purity: 98%

Lot #: G2423427

SKU #: **M111096**

Version: **1**

Analysis #: **387000**

Storage Temperature: Store at -20°C

| Parameter                                                                | Limit Values                       | Result                             |
|--------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Nitrogen by Elemental Analysis                                           | 14.7-15.9 (%)                      | 15.30 %                            |
| Specific Rotation [α] <sub>25</sub> /D(c=1 in H <sub>2</sub> O)          | 10.8-14 (°)                        | 12.90 °                            |
| Carbon by Elemental Analysis                                             | 30.9-34.5 (%)                      | 32.70 %                            |
| 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 <sub>2</sub> O) | pass                               | Pass                               |



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