

## Certificate of Analysis

Date of Testing: 2023-01-10 16:16:58  
Date of Next Testing: 2027-01-09 16:16:58  
Product Name: **L-Methionine sulfoximine**  
CAS Number: 15985-39-4  
Specifications & Purity: 98%  
Lot #: A2306581  
SKU #: **M111096**  
**Analysis:** **151070**  
Storage Temperature: Store at -20°C

| Parameter                                                                   | Limit Values                       | Result                             |
|-----------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Nitrogen by Elemental Analysis                                              | 14.7-15.9 (%)                      | 15.36 %                            |
| Specific Rotation [α] <sub>25</sub> /D(c=1 in H <sub>2</sub> O)             | 10.8-14 (°)                        | 12.60°                             |
| Carbon by Elemental Analysis                                                | 30.9-34.5 (%)                      | 33.27 %                            |
| Purity(HPLC)                                                                | 98-100 (%)                         | 99.99000 %                         |
| 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                               |



John Su  
QA & QC Manager