

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-30 15:46:51  
 Date of Next Testing: 2030-04-29 15:46:51  
 Product Name: **L-Methionine sulfoximine (MSX)**  
 CAS Number: 15985-39-4  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: D2620343  
 SKU #: **M111096**  
 Version: **1**  
 Analysis #: **665996**  
 Storage Temperature: Store at -20°C

| Parameter                                                                   | Limit Values                       | Result                             |
|-----------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Specific Rotation [α] <sub>25</sub> /D(c=1 in H <sub>2</sub> O)             | 10.8-14 (°)                        | 12.90000 °                         |
| Nitrogen by Elemental Analysis                                              | 14.7-15.9 (%)                      | 15.10000 %                         |
| Carbon by Elemental Analysis                                                | 30.9-34.5 (%)                      | 32.10000 %                         |
| 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                               |



John Su  
QA & QC Manager