

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-17 17:55:16  
 Date of Next Testing: 2025-03-16 17:55:16  
 Product Name: **L-Methionine sulfoxide**  
 CAS Number: 3226-65-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C23111127  
 SKU #: **L134616**  
 Version: **2**  
 Analysis #: **192706**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values              | Result                    |
|---------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                              | 98-100 (%)                | 98.50500 %                |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$           | 70-74 (°)                 | 70.29000 °                |
| Appearance (L134616)                                                      | white to off-white powder | White to Off-White Powder |
| Solubility, Colorless to faint yellow, clear (50 mg/mL, H <sub>2</sub> O) | pass                      | Pass                      |
| Proton NMR spectrum                                                       | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager