

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-29 10:16:05

Date of Next Testing: 2027-05-29 10:16:05

Product Name: **L-Methionine sulfoxide**

CAS Number: 3226-65-1

Specifications & Purity:  $\geq 98\%$

Lot #: E2523037

SKU #: **L134616**

Version: **2**

Analysis #: **518678**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values              | Result                    |
|---------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                              | 98-100 (%)                | 98.50000 %                |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$           | 70-74 (°)                 | 70.20000 °                |
| Appearance (L134616)                                                      | white to off-white powder | White to Off-White Powder |
| Proton NMR spectrum                                                       | Conforms to Structure     | Conforms to Structure     |
| Solubility, Colorless to faint yellow, clear (50 mg/mL, H <sub>2</sub> O) | pass                      | Pass                      |



John Su  
QA & QC Manager