

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-27 11:15:38  
 Date of Next Testing: 2029-12-26 11:15:38  
 Product Name: **L-(-)-Fucose**  
 CAS Number: 2438-80-4  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: L2526166  
 SKU #: **F110930**  
 Version: **1**  
 Analysis #: **628667**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                                      | Limit Values                        | Result                              |
|------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| Purity(HPLC)                                                                                   | 98-100 (%)                          | 99.90000 %                          |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)                                | -77--72 (°)                         | -74.30000 °                         |
| Melting point                                                                                  | 138-142 (°C)                        | 140.10000 °C                        |
| Appearance (F110930)                                                                           | White to Off-White Powder or Chunks | White to Off-White Powder or Chunks |
| Proton NMR spectrum                                                                            | Conforms to Structure               | Conforms to Structure               |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O | pass                                | Pass                                |



John Su  
QA & QC Manager