

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-11 15:44:01  
 Date of Next Testing: 2029-10-10 15:44:01  
 Product Name: **Methyl  $\alpha$ -L-Fucopyranoside**  
 CAS Number: 14687-15-1  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: I2525731  
 SKU #: **M158593**  
 Version: **1**  
 Analysis #: **498703**  
 Storage Temperature: Room temperature

| Parameter                                                       | Limit Values                            | Result                                  |
|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$ | -219--181 (°)                           | -188.67400 °                            |
| Melting point                                                   | 153-160 (°C)                            | 157.48000 °C                            |
| Purity(HPLC area)                                               | 98-100 (%)                              | 98.79300 %                              |
| Appearance(M158593)                                             | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                                                 | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager