

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-11 11:33:48  
Date of Next Testing: 2028-07-10 11:33:48  
Product Name: **L-(-)-Fucose**  
CAS Number: 2438-80-4  
Specifications & Purity: 98%  
Lot #: G2409503  
SKU #: **F110930**  
Version: **1**  
Analysis #: **377064**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	-77--72 (°)	-73.00 °
Melting point	138-142 (°C)	139.10000 °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