

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 08:46:59

Date of Next Testing: 2027-02-20 08:46:59

Product Name: **L-(-)-Fucose**

CAS Number: 2438-80-4

Specifications &amp; Purity: 98%

Lot #: B2316340

SKU #: **F110930****Analysis: 055724**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70700 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-77--72 (°)	-76.45 °
Melting point	138-142 (°C)	140.57000 °C
Appearance (F110930)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Infrared 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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager