

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-24 16:12:55

Date of Next Testing: 2028-04-23 16:12:55

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

CAS Number: 2438-80-4

Specifications & Purity: 98%

Lot #: D2415381

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

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70700 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ 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 ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager