

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-10 13:50:43

Date of Next Testing: 2029-11-09 13:50:43

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

CAS Number: 2438-80-4

Specifications & Purity: Moligand™, ≥98%

Lot #: K2510194

SKU #: **F110930**

Version: **1**

Analysis #: **604844**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-77--72 (°)	-75.10000 °
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 ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager