

Certificate of Analysis

Date of Testing: 2023-07-10 09:00:11
Date of Next Testing: 2027-07-09 09:00:11
Product Name: **L-(-)-Fucose**
CAS Number: 2438-80-4
Specifications & Purity: 98%
Lot #: 11910134
SKU #: **F110930**
Analysis: 248884
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.21100 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-77--72 (°)	-74.30 °
Melting point	138-142 (°C)	140.30000 °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
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