

Certificate of Analysis

Date of Testing: 2023-01-28 14:44:44

Date of Next Testing: 2027-01-27 14:44:44

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

CAS Number: 10030-80-5

Specifications & Purity: 99%

Lot #: A2312108

SKU #: **M120942**

Analysis: **172877**

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

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.75200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-15.5--13.5 (°)	-15.48 °
Appearance (M120942)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
TLC Analysis	One spot	One spot
NMR (1H-NMR)	complies	complies



John Su
QA & QC Manager