

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-08 16:35:53

Date of Next Testing: 2027-08-07 16:35:53

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

CAS Number: 10030-80-5

Specifications & Purity: 99%

Lot #: H2304299

SKU #: **M120942**

Analysis: **214772**

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

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.97600 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-15.5--13.5 (°)	-15.49 °
Appearance (M120942)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies
TLC Analysis	One spot	One spot

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager