

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-20 16:15:06

Date of Next Testing: 2026-02-09 16:15:06

Product Name: **D-(+)-Mannose**

CAS Number: 3458-28-4

Specifications & Purity: Moligand™, analytical standard

Lot #: A2423034

SKU #: **M103970**

Version: **0**

Analysis #: **154158**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{25/D} (c=4 in H ₂ O after 24hr)	13.5-14.9 (°)	13.61900°
Purity(HPLC)	99.5-100 (%)	99.71700%
Appearance (M103970)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager