



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 14:13:45

Date of Next Testing: 2029-01-08 14:13:45

Product Name: **Mannitol**

CAS Number: 69-65-8

Specifications & Purity: PrimorTrace™ Ultra, ≥99.9999% metals basis

Lot #: D2108287

SKU #: **M108830**

Version: **2**

Analysis #: **460074**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00 %
assay(total isomers) (HPLC)	99-100 (%)	99.10 %
Specific Rotation[a] _{25/D} (c=1 in 1%acidified Molybdate&H ₂ SO ₄)	137-145 (°)	141.00 °
Trace Metals Analysis	0-1 (ppm)	1.00000 ppm
Appearance (M108830)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager