

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-15 18:53:10  
Date of Next Testing: 2029-09-14 18:53:10  
Product Name: **Mannitol**  
CAS Number: 69-65-8  
Specifications & Purity: PrimorTrace™ Ultra, ≥99.9999% metals basis  
Lot #: I2509723  
SKU #: **M108830**  
Version: **2**  
Analysis #: **578657**  
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 (%)	99.99 %
Specific Rotation[a] <sub>25</sub> /D(c=1 in 1%acidified Molybdate&H <sub>2</sub> SO <sub>4</sub> )	137-145 (°)	144.11 °
Trace Metals Analysis	0-1 (ppm)	0.00000 ppm
Appearance (M108830)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager