

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 18:53:38
 Date of Next Testing: 2029-09-14 18:53:38
 Product Name: **D-Mannitol**
 CAS Number: 69-65-8
 Specifications & Purity: PrimorTrace™ Ultra, ≥99.9999% metals basis
 Lot #: I2509724
 SKU #: **M108830**
 Version: **2**
 Analysis #: **578657**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00000 %
assay(total isomers) (HPLC)	99-100 (%)	99.99300 %
Specific Rotation[a] _{25/D} (c=1 in 1%acidified Molybdate&H ₂ SO ₄)	137-145 (°)	144.11200 °
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