

Certificate of Analysis

Date of Testing: 2025-07-02 16:36:41

Date of Next Testing: 2029-07-01 16:36:41

Product Name: **Mannitol**

CAS Number: 69-65-8

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

Lot #: G2501463

SKU #: **M108830**

Version: **2**

Analysis #: **536344**

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 (%)	99.96 %
Specific Rotation[a] _{25/D} (c=1 in 1%acidified Molybdate&H ₂ SO ₄)	137-145 (°)	143.67 °
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