

Certificate of Analysis

Date of Testing: 2025-05-24 15:39:44

Date of Next Testing: 2029-05-23 15:39:44

Product Name: **Mannitol**

CAS Number: 69-65-8

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

Lot #: E2519292

SKU #: **M108830**

Version: **2**

Analysis #: **517679**

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] ₂₅ /D(c=1 in 1%acidified Molybdate&H ₂ SO ₄	137-145 (°)	144.48 °
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