

Certificate of Analysis

Date of Testing: 2024-06-14 13:35:04
Date of Next Testing: 2028-06-13 13:35:04
Product Name: **Mannitol**
CAS Number: 69-65-8
Specifications & Purity: $\geq 99.9999\%$ metals basis
Lot #: E2427405
SKU #: **M108830**
Version: **2**
Analysis #: **368748**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D(c=1 \text{ in } 1\% \text{ acidified Molybdate \& H}_2\text{SO}_4}$	137-145 (°)	144.80 °
Trace Metals Analysis	0-1 (ppm)	0.00000 ppm
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00 %
assay(total isomers) (HPLC)	99-100 (%)	99.11 %
Appearance (M108830)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager