

Certificate of Analysis

Date of Testing: 2023-03-04 15:20:11
Date of Next Testing: 2025-02-21 15:20:11
Product Name: **Mannitol**
CAS Number: 69-65-8
Specifications & Purity: analytical standard , >99.9999%
Lot #: B2327408
SKU #: **M108831**
Analysis: 195218

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25}^D(c=1 \text{ in } 1\% \text{ acidified Molybdate \& H}_2\text{SO}_4)$	137-145 (°)	138.28°
Melting point	165-167 (°C)	166.00000 °C
Purity(HPLC)	99-100 (%)	99.80800 %
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00 %
Total Metallic Impuritie	0-1 (ppm)	1.00 ppm
Appearance (M108831)	Colorless or White Powder	Colorless or White Powder



John Su
QA & QC Manager