

Certificate of Analysis

Date of Testing: 2024-03-19 11:25:41
Date of Next Testing: 2026-03-09 11:25:41
Product Name: **Mannitol**
CAS Number: 69-65-8
Specifications & Purity: analytical standard , >99.9999%
Lot #: F2210026
SKU #: **M108831**
Analysis: **332672**

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Total Metallic Impuritie | 0-1 (ppm) | 1.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99.9999-100 (%) | 100.00 % |
| Specific Rotation[a] ₂₅ /D(c=1 in 1%acidified Molybdate&H ₂ SO ₄) | 137-145 (°) | 142.00 ° |
| Melting point | 165-167 (°C) | 166.00000 °C |
| Purity(HPLC) | 99-100 (%) | 99.00000 % |
| Appearance (M108831) | Colorless or White Powder | Colorless or White Powder |



John Su
QA & QC Manager