

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-27 13:36:41
 Date of Next Testing: 2030-02-26 13:36:41
 Product Name: **D-Mannitol**
 CAS Number: 69-65-8
 Specifications & Purity: Premium-Grade Reagents, ≥98%
 Lot #: B2624442
 SKU #: **M108828**
 Version: **0**
 Analysis #: **662833**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\% \text{ acidified Molybdate} \& \text{H}_2\text{SO}_4)$	137-145 (°)	140.56600 °
Melting point	166-170 (°C)	169.95000 °C
Purity(Iodometric Titration)	97.5-102.5 (%)	99.92100 %
Appearance (M108828)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager