

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-07 11:44:24

Date of Next Testing: 2030-01-06 11:44:24

Product Name: **D-Mannitol**

CAS Number: 69-65-8

Specifications & Purity: Premium-Grade Reagents, ≥98%

Lot #: A2604479

SKU #: **M108828**

Version: **0**

Analysis #: **637255**

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 (°)	142.38300 °
Melting point	166-170 (°C)	168.29000 °C
Purity(Iodometric Titration)	97.5-102.5 (%)	99.91600 %
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