

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-31 10:47:34
Date of Next Testing: 2030-08-30 10:47:34
Product Name: **D-Mannitol**
CAS Number: 69-65-8
Grades & Purity: Premium-Grade Reagents, ≥98%
Lot #: H2617520
SKU #: **M108828**
Version: **0**
Analysis #: **765315**
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 (°)	141.56600 °
Melting point	166-170 (°C)	169.61000 °C
Purity(Iodometric Titration)	97.5-102.5 (%)	99.89700 %
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