

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-27 16:18:00

Date of Next Testing: 2030-06-26 16:18:00

Product Name: **D-Mannitol**

CAS Number: 69-65-8

Specifications & Purity: AR, ≥98%

Lot #: F2610542

SKU #: **M108828**

Version: **0**

Analysis #: **732009**

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