

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-17 15:24:10
Date of Next Testing: 2027-08-16 15:24:10
Product Name: **Mannitol**
CAS Number: 69-65-8
Specifications & Purity: Analytical Reagent,98.0%
Lot #: H2312148
SKU #: **M108828**
Analysis: **265465**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25}^D(c=1 \text{ in } 1\% \text{ acidified Molybdate \& } H_2SO_4)$	137-145 (°)	137.55 °
Melting point	166-170 (°C)	169.08000 °C
Purity(Iodometric Titration)	97.5-102.5 (%)	99.72 %
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