

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-31 10:25:35
Date of Next Testing: 2030-08-30 10:25:35
Product Name: **D-Mannitol**
CAS Number: 69-65-8
Grades & Purity: suitable for plant cell culture, ≥99%
Lot #: H2617522
SKU #: **M119324**
Version: **1**
Analysis #: **765325**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in } 1\% \text{ acidified Molybdate \& } H_2SO_4)$	137-145 (°)	141.56600 °
Purity(HPLC)	99-100 (%)	99.89700 %
Appearance (M119324)	white powder	White powder
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless , 1 mg/ml in water	pass	Pass



John Su
QA & QC Manager