

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-07 14:13:20

Date of Next Testing: 2030-01-06 14:13:20

Product Name: **D-Mannitol**

CAS Number: 69-65-8

Specifications & Purity: for plant cell culture, ≥99%

Lot #: A2604590

SKU #: **M119324**

Version: **1**

Analysis #: **637481**

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 °
Purity(HPLC)	99-100 (%)	99.91600 %
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