

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-29 09:52:00

Date of Next Testing: 2030-06-28 09:52:00

Product Name: **D-Mannitol**

CAS Number: 69-65-8

Specifications & Purity: Ultra pure, ≥99%(HPLC)

Lot #: F2610563

SKU #: **M108829**

Version: **1**

Analysis #: **713717**

Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	0.00000 ppm
Reducing sugars	0-0.2 (%)	0.00000 %
Calcium(Ca)	0-100 (ppm)	0.00000 ppm
Phosphorus (P)	0-0.01 (%)	0.00000 %
Silicon(Si)	0-0.02 (%)	0.00000 %
Melting point	166-170 (°C)	169.61000 °C
Chloride (Cl-)	0-50 (ppm)	0.00000 ppm
Copper(Cu)	0-50 (ppm)	0.00000 ppm
Sodium(Na)	0-200 (ppm)	0.00000 ppm
Purity(HPLC)	99-100 (%)	99.89700 %
Zinc(Zn)	0-10 (ppm)	0.00000 ppm
Specific Rotation[a] ₂₅ /D(c=1 in 1%acidified Molybdate&H2SO4	137-145 (°)	141.56600 °
Potassium(K)	0-50 (ppm)	0.00000 ppm
loss on drying, 105 °C	0-0.5 (%)	0.00000 %
Iron(Fe)	0-50 (ppm)	0.00000 ppm
Magnesium(Mg)	0-50 (ppm)	0.00000 ppm
Lead(Pb)	0-50 (ppm)	0.00000 ppm
Appearance (M108829)	White Powder or Crystals	White Powder or Crystals
Solubility in H2O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager