

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-09 15:36:07

Date of Next Testing: 2029-09-08 15:36:07

Product Name: **D-Sorbitol**

CAS Number: 50-70-4

Grades & Purity: UltraBio™, ≥99%(HPLC)

Lot #: I2605004

SKU #: **D755727**

Version: **1**

Analysis #: **563677**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.67000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-1.8~-1.2 (°)	-1.78800 °
Loss on drying	0-0.5 (%)	0.00000 %
Sulphated ash	0-0.1 (%)	0.00230 %
Aluminum(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	0.00000 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	2.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Arsenic(As)(MHS-AAS)	0-0.1 (ppm)	0.00000 ppm
Total sulfur as SO ₄ (ICP)	0-50 (ppm)	0.00000 ppm

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
Chloride (Cl-)	0-50 (ppm)	0.00000 ppm
PH(25°C,1M in Water)	5-7	6.01100
UV Absorbance 260nm(at 1M in H2O)	≤0.04	0.01230
UV Absorbance 280nm(at 1M in H2O)	≤0.045	0.00110
Appearance(D755727)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility(Clear Colorless,5.46 g in 30 ml H2O)	Confirmed	Confirmed



John Su
QA & QC Manager