

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-08 12:07:03

Date of Next Testing: 2027-09-07 12:07:03

Product Name: **D-(-)-Sorbitol**

CAS Number: 50-70-4

Specifications & Purity: 99%, high purity

Lot #: I2306033

SKU #: **D274374****Analysis: 127534**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Anhydrous)	≥99 (%)	99.66400 %
Moisture content	≤1 (%)	0.34 %
Heavy metals	≤0.001 (%)	0.00 %
Ignition Residue	≤0.1 (%)	0.07 %
Sulfate(SO42-)	≤ 0.01 (%)	0.00 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-1.8- -1.2 (°)	-1.44 °
Appearance(D274374)	White Powder or crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager