

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-04 15:09:14  
Date of Next Testing: 2028-12-03 15:09:14  
Product Name: **D-(-)-Sorbitol**  
CAS Number: 50-70-4  
Specifications & Purity: high-purity,  $\geq 99\%$   
Lot #: K2429660  
SKU #: **D274374**  
Version: **1**  
Analysis #: **429471**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Anhydrous)	$\geq 99$ (%)	99.73500 %
Moisture content	$\leq 1$ (%)	0.32 %
Heavy metals	$\leq 0.001$ (%)	0.00 %
Ignition Residue	$\leq 0.1$ (%)	0.00 %
Sulfate(SO42-)	$\leq 0.01$ (%)	0.00 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-1.8--1.2 (°)	-1.60 °
Appearance(D274374)	White Powder or crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager