

Certificate of Analysis

Date of Testing: 2024-12-04 14:50:10
Date of Next Testing: 2028-12-03 14:50:10
Product Name: **D-(-)-Sorbitol**
CAS Number: 50-70-4
Specifications & Purity: high-purity, $\geq 99\%$
Lot #: K2429662
SKU #: **D274374**
Version: **1**
Analysis #: **429471**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Anhydrous)	≥ 99 (%)	99.73500 %
Moisture content	≤ 1 (%)	0.32 %
Heavy metals	≤ 0.001 (%)	0.00 %
Ignition Residue	≤ 0.1 (%)	0.00 %
Sulfate(SO42-)	≤ 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