

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-06 19:03:35

Date of Next Testing: 2029-03-05 19:03:35

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: Moligand™, ACS

Lot #: C2505735

SKU #: **S112231**

Version: **1**

Analysis #: **473576**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Ignition Residue	0-0.01 (%)	0.00000 %
Loss on drying	0-0.03 (%)	0.00000 %
Titrate Acid	0-0.0008 (mg/g)	0.00000 mg/g
Specific rotation [α] ₂₀ /D(0.1g/1ml, in H ₂ O)	66.3-67 (°)	66.31000 °
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00000 %
Invert sugar	0-0.05 (%)	0.05000 %
Appearance (S112231)	White crystals	White crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager