

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-08 11:20:44  
Date of Next Testing: 2029-03-07 11:20:44  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: Moligand™, ACS  
Lot #: C2505671  
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 %
Titration Acid	0-0.0008 (mg/g)	0.00000 mg/g
Specific rotation [α] <sub>20</sub> /D(0.1g/1ml, in H <sub>2</sub> O)	66.3-67 (°)	66.31000 °
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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