

Certificate of Analysis

Date of Testing: 2023-11-08 10:44:14

Date of Next Testing: 2027-11-07 10:44:14

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: ACS

Lot #: K2301431

SKU #: **S112231****Analysis: 287047**

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Ignition Residue	0-0.01 (%)	0.00 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
Invert sugar	0-0.05 (%)	0.04 %
Loss on drying	0-0.03 (%)	0.01 %
Specific rotation [α] ₂₀ /D(0.1g/1ml , in H2O)	66.3-67 (°)	66.39000°
Appearance (S112231)	White crystals	White crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager