

Certificate of Analysis

Date of Testing: 2022-07-25 09:15:12

Date of Next Testing: 2026-07-24 09:15:12

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: ACS

Lot #: G2219238

SKU #: **S112231**

Analysis: 117647

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	3.69 ppm
Invert sugar	0-0.05 (%)	0.03 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	4.23 ppm
Ignition Residue	0-0.01 (%)	0.01 %
Loss on drying	0-0.03 (%)	0.02 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
Specific rotation [α] ₂₀ /D(0.1g/1ml, in H ₂ O)	66.3-67 (°)	66.32000°
Appearance (S112231)	White crystals	White crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager