

Certificate of Analysis

Date of Testing: 2024-10-08 17:11:55
Date of Next Testing: 2028-10-07 17:11:55
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: ACS
Lot #: I2429304
SKU #: **S112231**
Version: **1**
Analysis #: **405017**

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Invert sugar	0-0.05 (%)	0.00 %
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
Loss on drying	0-0.03 (%)	0.02 %
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