

## Certificate of Analysis

Date of Testing: 2022-12-10 09:38:18  
Date of Next Testing: 2026-12-09 09:38:18  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: ACS  
Lot #: L2205102  
SKU #: **S112231**  
Analysis: **146552**

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 %
Loss on drying	0-0.03 (%)	0.00 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
Specific rotation [α] <sub>20</sub> /D(0.1g/1ml, in H <sub>2</sub> O)	66.3-67 (°)	66.50000°
Invert sugar	0-0.05 (%)	0.04 %
Appearance (S112231)	White crystals	White crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager