

Certificate of Analysis

Date of Testing: 2023-05-15 15:53:32

Date of Next Testing: 2027-05-14 15:53:32

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: Ultra pure purity≥99.9% ; RNase, DNase Free

Lot #: E2311219

SKU #: **S112226**

Analysis: 214537

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Loss on drying(105°C)	0-0.3 (%)	0.01 %
Purity(HPLC)	99.9-100 (%)	99.95000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67 (°)	66.50 °
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
RNases	none detected	none detected



John Su
QA & QC Manager