

Certificate of Analysis

Date of Testing: 2022-06-13 16:18:50
 Date of Next Testing: 2026-06-12 16:18:50
 Product Name: **Sucrose**
 CAS Number: 57-50-1
 Specifications & Purity: Ultra pure purity≥99.9% ; RNase,DNase Free
 Lot #: F2206469
 SKU #: **S112226**
 Analysis: **092316**

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	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 (%)	99.90000 %
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 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
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 %
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
RNases	none detected	none detected



John Su
QA & QC Manager