

Certificate of Analysis

Date of Testing: 2022-09-21 12:23:18
Date of Next Testing: 2026-09-20 12:23:18
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: Analytical Reagent
Lot #: I2219005
SKU #: **S112228**
Analysis: **138369**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Barium and strontium(as Ba)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.00005(%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.31 ppm
Purity(HPLC)	99-100(%)	99.82300 %
Reducing sugars	0-0.05 (%)	0.02 %
Specific Rotation [a] ₂₀ /D(c=10 in H ₂ O)	66.3-67(°)	66.33 °
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.01 %
Solubility in H ₂ O , Colorless,Clear,5 g/10 ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S112228)	White crystals	White crystals



John Su
QA & QC Manager