

Certificate of Analysis

Date of Testing:	2023-03-10 14:46:01
Date of Next Testing:	2027-03-09 14:46:01
Product Name:	Sucrose
CAS Number:	57-50-1
Specifications & Purity:	Analytical Reagent
Lot #:	C2301318
SKU #	S112228
Analysis:	171858
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)	2.00 ppm
Purity(HPLC)	99-100(%)	99.69200 %
Reducing sugars	0-0.05 (%)	0.03 %
Sulfate(SO42-)	0-0.02 (%)	0.02 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67(°)	66.31°
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