

Certificate of Analysis

Date of Testing: 2022-02-08 11:23:58
Date of Next Testing: 2026-02-07 11:23:58
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: Analytical Reagent
Lot #: A2220522
SKU #: **S112228**
Analysis: **059828**
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(%)	99.91600 %
Reducing sugars	0-0.05 (%)	0.04 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67(°)	66.39°
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