

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 17:24:32
 Date of Next Testing: 2030-03-19 17:24:32
 Product Name: **Sucrose**
 CAS Number: 57-50-1
 Specifications & Purity: AR
 Lot #: C2613312
 SKU #: **S112228**
 Version: **2**
 Analysis #: **663589**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Barium and strontium(as Ba)	0-0.001 (%)	0.00050 %
Chloride (Cl-)	0-0.002 (%)	0.00100 %
Iron(Fe)	0-0.00005 (%)	0.00003 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Purity(HPLC)	99-100 (%)	100.00000 %
Reducing sugars	0-0.05 (%)	0.03000 %
Sulfate(SO42-)	0-0.02 (%)	0.00500 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67(°)	66.90000 °
Solubility in H ₂ O , Colorless, Clear, 5 g/10 ml	pass	Pass
Appearance (S112228)	White crystals	White crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager