

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 18:46:35
 Date of Next Testing: 2029-07-16 18:46:35
 Product Name: **Sucrose**
 CAS Number: 57-50-1
 Specifications & Purity: AR
 Lot #: G2510377
 SKU #: **S112228**
 Version: **2**
 Analysis #: **171862**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Barium and strontium(as Ba)	0-0.001 (%)	0.00036 %
Chloride (Cl-)	0-0.002 (%)	0.00148 %
Iron(Fe)	0-0.00005(%)	0.00002 %
Heavy metal (as Pb)	0-5 (ppm)	2.00000 ppm
Purity(HPLC)	99-100(%)	99.88900 %
Reducing sugars	0-0.05 (%)	0.03620 %
Sulfate(SO42-)	0-0.02 (%)	0.01480 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67(°)	66.32000 °
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