

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-03 15:37:05  
Date of Next Testing: 2027-11-02 15:37:05  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: Analytical Reagent  
Lot #: K2301409  
SKU #: **S112228**  
Version: **1**  
Analysis #: **171862**  
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(%)	99.88900 %
Reducing sugars	0-0.05 (%)	0.04 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	66.3-67(°)	66.32°
Solubility in H <sub>2</sub> 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