

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-11 11:35:41  
 Date of Next Testing: 2030-02-10 11:35:41  
 Product Name: **Sucrose**  
 CAS Number: 57-50-1  
 Specifications & Purity: AR  
 Lot #: B2604192  
 SKU #: **S112228**  
 Version: **2**  
 Analysis #: **637715**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Barium and strontium(as Ba)                     | 0-0.001 (%)           | 0.00005 %             |
| Chloride (Cl-)                                  | 0-0.002 (%)           | 0.00120 %             |
| Iron(Fe)                                        | 0-0.00005 (%)         | 0.00000 %             |
| Heavy metal (as Pb)                             | 0-5 (ppm)             | 0.00000 ppm           |
| Purity(HPLC)                                    | 99-100 (%)            | 99.78000 %            |
| Reducing sugars                                 | 0-0.05 (%)            | 0.00350 %             |
| Sulfate(SO42-)                                  | 0-0.02 (%)            | 0.00500 %             |
| Specific Rotation [α]20/D(c=10 in H2O)          | 66.3-67(°)            | 66.80000 °            |
| Solubility in H2O , 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