

Certificate of Analysis

Date of Testing: 2022-06-18 14:46:22
Date of Next Testing: 2026-06-17 14:46:22
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: Analytical Reagent
Lot #: F2215271
SKU #: **S112228**
Analysis: **082918**
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) | 3.00 ppm |
| Purity(HPLC) | 99-100(%) | 99.93800 % |
| Reducing sugars | 0-0.05 (%) | 0.03 % |
| Sulfate(SO42-) | 0-0.02 (%) | 0.01 % |
| Specific Rotation [a] _D 20/D(c=10 in H ₂ O) | 66.3-67(°) | 66.32° |
| 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 |



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QA & QC Manager