

## Certificate of Analysis

Date of Testing: 2023-09-15 16:31:45

Date of Next Testing: 2026-09-14 16:31:45

Product Name: **Sucrose (saccharose)**

CAS Number: 57-50-1

Specifications & Purity: Pharmaceutical grade, Ph. Eur., BP, NF, JP

Lot #: 12314076

SKU #: **S432966**

**Analysis:** **259304**

Storage Temperature: Room temperature

| Parameter                                    | Limit Values             | Result                |
|--|--------------------------|-----------------------|
| Color test (APHA)                            | 0-45                     | 22.00                 |
| Spec.rotation(.a.20/D;26% water)             | 66.3-67 (°)              | 66.32000°             |
| Conductivity(20°C)                           | 0-35 (µS/cm)             | 12.00000 µS/cm        |
| Sulfite(as SO <sub>2</sub> )                 | 0-10 (ppm)               | 6.00000 ppm           |
| Reducing sugars (ChP)                        | 0-0.1 (%)                | 0.00100 %             |
| Residual solvents (ICH Q3C) class 3(Ethanol) | 0-0.5 (%)                | 0.04000 %             |
| Heavy metals(as Pb)                          | 0-5 (ppm)                | 2.00 ppm              |
| Calcium(Ca)                                  | 0-0.05 (%)               | 0.04 %                |
| Loss on drying(105°C)                        | 0-0.1 (%)                | 0.00 %                |
| Bacterial endotoxins                         | <0.25 (IU/mg OR I.U./mg) | 0.10 IU/mg OR I.U./mg |
| Infrared spectrum                            | Conforms to Structure    | Conforms to Structure |
| Appearance(S432966)                          | White crystals           | White crystals        |
| Dextrin                                      | Pass                     | Pass                  |



John Su  
QA & QC Manager