

## Certificate of Analysis

Date of Testing: 2023-08-03 15:05:35

Date of Next Testing: 2026-08-02 15:05:35

Product Name: **Sucrose (saccharose)**

CAS Number: 57-50-1

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

Lot #: G2331284

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