

### Certificate of Analysis

**Product: Sucrose**  
**Item Number: SUCGA**  
**Grade: ACS**  
**Lot Number: 5000883/3.1**  
**Manufacture Date: 09/01/2023**  
**Expiration Date: 08/31/2028**  
**Country of Origin: India**

Tested Property	Specification	Analysis
Description	An almost white crystalline powder	Pass
Specific rotation [ $\hat{\pm}$ ] 25 $\hat{\text{A}}^{\circ}$ D	+66.3 $\hat{\text{A}}^{\circ}$ to +66.8 $\hat{\text{A}}^{\circ}$	+66.5 $\hat{\text{A}}^{\circ}$
Insoluble matter	Max 0.005%	0.002
Loss on drying	Max 0.03%	0.01
Residue after ignition	Max 0.01%	0.0029
Titration acid	Max 0.0008 meq/g	0.0006
Chloride (Cl)	Max 0.005%	<0.005
Sulfate and sulfite (as SO <sub>4</sub> )	Max 0.005%	<0.005
Heavy metals (as Pb)	Max 5 ppm	<5
Iron (Fe)	Max 5 ppm	<5
Invert sugar	Max 0.05%	0.02

#### Sucrose

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