

### Certificate of Analysis

**Product: Sucrose**  
**Item Number: SUCGA**  
**Grade: ACS**  
**Lot Number: 5001143/1.1**  
**Manufacture Date: 10/01/2023**  
**Expiration Date: 09/30/2028**  
**Country of Origin: India**

Tested Property	Specification	Analysis
Description	An almost white crystalline powder	Passes
Specific rotation [ $\pm$ ] 25°D	+66.3° to +66.8°	+66.5°
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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Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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