

Certificate of Analysis

Product: Sucrose, Crystals
Item Number: SUCGA
Grade: ACS
Lot Number: 5001797/1.1
Manufacture Date: 06/03/2025
Expiration Date: 06/02/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Assay	≥99.9	Conforms
Specific Rotation	+66.3 - +66.8°	Conforms
Insoluble matter	≤0.005%	<0.005%
Loss on Drying@ 105°C	≤0.03%	<0.03%
Color (ICUMSA)	≤75	38
Conductivity, μS/cm	≤35	9
Residue after ignition	≤0.01%	0.0025%
Titration Acid	≤0.0008 meq/g	<0.0008 meq/g
Chloride	≤0.005%	0.005%
Glucose	≤0.1%	<0.1%
Sulfate and Sulfite	≤0.005%	<0.001%
Heavy Metals as Pb	≤5 ppm	3 ppm
Iron	≤5 ppm	<2 ppm
Invert Sugar	≤0.05%	0.049%
Ribonuclease	None Detected	Conforms
Deoxyribonuclease	None Detected	Conforms

Store in a cool, dry, and well-ventilated environment.
CAS RN: 57-50-1

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

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