

Certificate of Analysis**Product: Sucrose, Crystals, ACS Grade****Item Number: SUCGA****CAS#: 57-50-1****Grade: ACS****Lot Number: 5001797/1.1****Manufacture Date: 06/03/2025****Expiration Date: 06/02/2028****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%
Titrate 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.

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[Sucrose, Crystals, ACS Grade](#)

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