

Certificate of Analysis

Product: Sucrose, Crystals, ACS Grade

Item Number: SUCGA

CAS#: 57-50-1

Grade: ACS

Lot Number: 5001625/1.1

Manufacture Date: 06/02/2025

Expiration Date: 06/01/2028

Country of Origin: United States

Tested Property	Specification	Analysis
Specific rotation	+66.3° to +66.8°	Conforms
Insoluble matter	Max 0.005%	<0.005
Loss on drying	Max 0.03%	<0.03
Residue after ignition	Max 0.01%	0.0025
Titration acid	Max 0.0008 meq/g	<0.0008
Chloride (Cl)	Max 0.005%	<0.005
Sulfate and sulfite (as SO ₄)	Max 0.005%	0.001
Heavy metals (as Pb)	Max 5 ppm	3
Iron (Fe)	Max 5 ppm	<2
Invert sugar	Max 0.05%	0.049
Assay	Min 99.9%	Conforms
Color (ICUMSA)	Max 75	38
Conductivity	Max 35 µS/cm	9
Ribonuclease	None detected	Passes
Deoxyribonuclease	None detected	Passes
Glucose	Max 0.1	<0.1

[Sucrose, Crystals, ACS Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since

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