



Certificate of Analysis

Item Number	Product Description	Lot Number
SU1004-2.5KG	Sucrose ACS, 2.5 KG	1806-1931
Formula	Molecular Weight	Cas Number
C ₁₂ H ₂₂ O ₁₁	342.3	57-50-1

QC TEST/RELEASE DATE: 01/06/2023

SUGGESTED RETEST DATE: 08/12/2027

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Fine white crystals	passed
2	Specific Rotation	°	+66.3 to +66.8	66.60
3	Moisture (LOD)	%	≤ 0.03	0.025
4	Residue after Ignition	%	≤ 0.01	< 0.01
5	Insoluble	%	≤ 0.005	< 0.005
6	Invert Sugar	%	≤ 0.05	< 0.05
7	Titration Acid	meq/g	≤ 0.0008	< 0.0008
8	Chloride	%	≤ 0.005	< 0.005
9	Sulfate and Sulfite	%	≤ 0.005	< 0.005
10	Heavy Metals	ppm	≤ 5	< 5
11	Iron	%	≤ 0.0005	< 0.0005
12	BSE/TSE Free		BSE/TSE Free	passed
13	Country of Origin		Usa	passed
14	Grade		ACS	passed

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in research and further manufacturing only. **NOT FOR USE IN FOOD, DRUG OR MEDICAL DEVICE MANUFACTURING.** Persons using this information should make their own determination regarding its suitability for their particular use.

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