

# Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-S24065-2.5KG	CHEMPURE Sucrose, ACS Grade, 2.5 KG	234282-240720
Formula	Molecular Weight	Cas Number
C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	342.3	57-50-1

**QC TEST/RELEASE DATE:** 09/04/2024

**SUGGESTED RETEST DATE:** 08/11/2029

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Fine White Crystals	passed
2	Absorbance 260nm	nm	≤ 0.07	0.04
3	Absorbance 280nm	nm	≤ 0.005	0.03
4	Color Value		Report	43
5	DNase, RNase, protease		Not Detected	Not Detected
6	Heavy Metals	%	≤ 0.0005	< 0.0005
7	Identification ( IR )		Pass	Passed
8	Purity	%	≤ 99.0	99.9
9	Solubility (10% solution in H2O @25C		Pass	Passed
10	Sulfate (SO4)	%	≤ 0.005	< 0.001
11	BSE/TSE Free		BSE/TSE Free	Passed
12	Country of Origin		Report	USA

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