

1307 – SUCROSE, EXTRA PURE

REF NO: TBL/QA/SS/LC/1307	STANDARD SPECIFICATION FOR SUCROSE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
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PRODUCT PROPERTIES

C.A.S Number	57-50-1
Chemical Formula	C ₁₂ H ₂₂ O ₁₁
Formula weight	342.30
Functional Uses	Sucrose is used as a sweetener in foods and soft drinks, in the manufacture of syrups, in invert sugar, confectionery, preserves and jams, demulcent, pharmaceutical products, and caramel.
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals/crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH(1% soln., at 25°C)	5.5 – 7.0
Specific Optical Rotation	+65.5° to+67.0°
Heavy metals	NMT – 10 ppm
Sulphate (as SO ₂)	NMT – 10 ppm

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

