

Specifications

Product	:	Sucrose
CAS No.	:	57-50-1
Molecular formula	:	C ₁₁ H ₂₂ O ₁₁
Molecular weight	:	342.30
Product Code	:	MC0072

TESTS	SPECIFICATIONS
Color and appearance	Almost white or colorless crystals.
Acidity or alkalinity	NMT 0.3 ml of 0.01M NaOH is required to change the color of the solution to pink
Clarity, color and odor of solution.	Solution S is clear not more intensely colored than reference solution Y6 and colorless.
Specific optical rotation	+65.9° to +67.0°
Barium	Any opalescence is not more intense than that of a mixture of 1ml of distilled water and 10 ml of solution A.
Calcium	The solution remains clear for at least 1 minute
Heavy metals	NMT 1 ppm
Sulphites	NMT 15 ppm
Dextrins	The solution remains yellow or becomes faint bluish green.
Glucose and invert sugars	The weight of cuprous oxide is NMT 112mg.
Coloring matter	A) The filter is not colored blue. B) No unpleasant odor is detectable C) Any fluorescence is not more intense than that of a solution containing 0.4µg per ml of quinine sulphate in 0.005M sulfuric acid
Sulphated ash	NMT 0.005%
Bacterial endotoxins	NMT 0.25 IU/mg
Sulphate	NMT 0.002%
Insoluble matter	NMT 0.003%
Loss on drying	NMT 0.03%
Residue after ignition	NMT 0.01%
Titration acid	NMT 0.0008 meq/g
Chloride	NMT 0.0005%
Iron	NMT 0.0001%
Invert sugar	NMT 0.05%

Indenta Chemicals (India) Pvt. Ltd.

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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



Lead	Absent
Conductivity	NMT 35 $\mu\text{S cm}^{-1}$ at 20°
Color value	NMT 45 if labeled as parenteral grade
Reducing sugars	0.01%
Nitrogen compounds	NMT 0.002%

(NMT= Not more than, NLT=Not less than)

INFORMATION	PREPARED BY	APPROVED BY
Name	Mr. Suchit Mukherjee	Mr. Thomas Varghese
Designation	Q.C Executive	Director Technical
Date	Jan 2019	-
Revision	0	-
Review Date	-	-
Signature		

Disclaimer: The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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