

Specifications

Product	:	Glucose monohydrate
CAS No.	:	14431-43-7
Molecular formula	:	C ₆ H ₁₂ O ₆ .H ₂ O
Molecular weight	:	198.074
Product Code	:	MC0027

TESTS	SPECIFICATIONS
Color and appearance	A White crystalline powder.
Appearance and odor of solution	The solution is clear and not more intensely colored than reference solution BY7
Acidity or alkalinity	NMT 0.15ml of 0.1M NaOH is required to change the color of the solution to pink
Specific optical rotation	+52.5° to +53.0°
Arsenic	NMT 0.00002%
Heavy metals	NMT 0.0001%
Chlorides	NMT 0.0025%
Sulphates	NMT 0.0025%
Sulphite	0.0005%
Barium	Any opalescence in the solution is not more intense than that in a mixture of 10ml of solution S and 1 ml of water
Foreign sugars, soluble starch and dextrans	The appearance of the solution does not change on cooling
Sulphated Ash	NMT 0.03%
water	NMT 7.0-9.5%
Bacterial endotoxins	NMT 0.5 Endotoxin unit per ml of a 5% solution.
pH	NLT 5.8
water insoluble matter	NMT 0.003%
Iron	NMT 0.0001%
Calcium	NMT 200 ppm
Lead	Absent

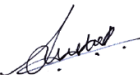

(NMT= Not more than, NLT=Not less than)

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

INFORMATION	PREPARED BY	APPROVED BY
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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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