

Specifications

Product	:	Dextrose anhydrous
CAS No.	:	50-99-7
Molecular formula	:	C ₆ H ₁₂ O ₆
Molecular weight	:	180.16
Product Code	:	MC0019

TESTS	SPECIFICATIONS
Description	A white crystalline powder.
Appearance and odor of solution	The solution is clear and more intensely colored than reference solution BY7 and is odorless.
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 +53.3°
Arsenic	Absent
Heavy metals	NMT 0.0001%
Chlorides	NMT 0.0025%
Sulphates	NMT 0.0025%
Sulphite	NMT 0.0005%
Barium	Any opalescence in the solution is not more intense than that in a mixture of 10ml of solution S and 1ml of water
Foreign sugars, soluble starch and dextrans	The appearance of solution does not change on cooling
Sulphated ash	NMT 0.03%
Water	NMT 1.0%
Bacterial endotoxins	NMT 0.5 endotoxin unit per ml of a 5% w/v solution in water for infections.
Insoluble matter	NMT 0.005%
Loss on drying	NMT 0.20%
Residue after ignition	NMT 0.02%
Titration acid	NMT 0.002 meq/g
Iron	NMT 0.0001%
Starch	The liquid is colored yellow
Calcium	NMT 200 ppm
Lead	NMT absent
Color	The sample solution has no more color than the control

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



	solution
Dextrin	Reflux 1g of sample with 20ml of alcohol, it dissolves completely
pH	NLT 5.8
Water insoluble matter	NMT 0.003%
Colored impurities	To pass test
Alcohol insoluble matter	NMT 0.005%

(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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