

Specifications

Product	:	Dextrose anhydrous
CAS No.	:	50-99-7
Molecular formula	:	C ₆ H ₁₂ O ₆
Molecular weight	:	180.16
Product Code	:	02FI0038

TESTS	SPECIFICATIONS
Description	A white crystalline powder.
Identification	A. When heated it melts, swells up and burns, and an odor of burnt sugar is perceptible. B. A copious red ppt. is formed.
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	NMT 1 ppm
Chlorides	NMT 125 ppm
Sulphates	NMT 200 ppm
Sulphite	Absorbance of the resulting solution at the maximum at about 583nm, the absorbance should not be greater than that of standard prepared in the same manner.
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 0.1%
Water	NMT 1.0%
Calcium	200 ppm
Lead	0.5 ppm



(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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