

Specifications

Product	:	D-Mannitol
CAS No.	:	69-65-8
Molecular formula	:	C ₆ H ₁₄ O ₆
Molecular weight	:	182.17
Product Code	:	MC0024

TESTS	SPECIFICATIONS
Description	White, crystalline powder or free-flowing granules.
Assay	98.0-102.0%
appearance of solution	Solution A is clear and colorless.
Acidity or alkalinity	NMT 0.2ml of 0.01M NaOH is required or NMT 0.3ml of 0.01M HCl is required to change the color of the solution
Specific optical rotation	+23.3 to +24.3°
Arsenic	NMT 2 ppm
Chlorides	NMT 50 ppm
Sulphates	NMT 100 ppm
Reducing sugars	NLT 12.8ml of 0.05M Sodium thiosulphate is required
Sorbitol	NMT 2.0%
Sulphated ash	NMT 0.10%
Loss on drying	NMT 0.05%
Insoluble matter	NMT 0.01%
Residue after ignition	NMT 0.01%
Titration acid	NMT 0.0008 meq/g
Heavy metals	NMT 5 ppm
Nickel	NMT 1 ppm
Lead	Absent
Disregard limit	NMT 0.05%
Melting range	165° to 170°C
Conductivity	NMT 20µS/cm at 25°C
Microbial enumeration test	NMT 10 ² cfu/g
Bacterial endotoxins	Less than 4 IU/g for parenteral dosage form with concentration 100 g/L and less than 2.5 IU/g for parenteral dosage forms for concentration of more than 100g/L

Indenta Chemicals (India) Pvt. Ltd.

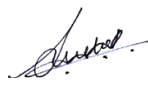

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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

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



(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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