



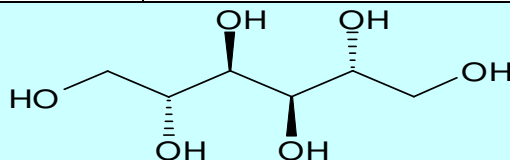
SDFCL
s d fine-CHEM limited

Quality Control Dept.



C Product Specification

E Control	QC2\DATAD\D:\PS\20330XPS.xls
PRODUCT CODE	20330
PRODUCT NAME	MANNITOL AR Meets Analytical Specification of IP, BP, USP
SYNONYMS	--
C.I. NO.	--
CASR NO.	(69-65-8)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₄ O ₆
ATOMIC OR MOLECULAR WEIGHT	182.17
PROPERTIES	--



PARAMETER	LIMIT
Description	A fine white crystalline powder.
Solubility	10% Solution in water is clear & colourless.
Identification	Passes test.
Minimum Assay	99.0%
Melting Point	165 – 168 °C
Specific Rotation (α) _D (C=8 in aq. 10.4% soln. of disod. tetraborate)	Between + 23 to + 25 °
Loss on drying (at 105 °C)	Max.0.3%
Sulphated ash	Max.0.02%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Acidity (CH ₃ COOH)	0.005%
Alkalinity	Passes test.
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Arsenic (As)	0.0001%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Nickel (Ni)	0.0001%
Reducing sugars (C ₆ H ₁₂ O ₆)	0.05%
Sorbitol	Passes test.

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ---- Response : --- Disposal : ----	IMDG Code : -- UN No. : -- IATA : --
Hazard Pictogram(s) :--	

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 03 Revision dt. : 02.04.2010 AMEND NO. : 1554
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