



D-MANNITOL AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP

PRODUCT CODE	R08306
SYNONYMS	--
C.I. NO.	--
CASR NO.	(69-65-8)
ATOMIC OR MOLECULARFORMULA	$C_6H_{14}O_6$
ATOMIC OR MOLECULARWEIGHT	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) ₂₀ ^D (C=8 in aq. 10.4% soln. of disod. tetraborate)	Between + 23 to + 25°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C)	0.3%
Sulphated ash	0.02%
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.	

: Regd Office, 201, MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com



ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG
Code :UN
No. :
IATA :

Disposal :-----

Hazard Pictogram(s) :



Replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

