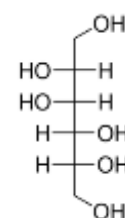


D-MANNITOL AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP

PRODUCT CODE	569165
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 (GC/HPLC)	99.0%
Melting Point	165 - 170°C
pH	5.00 - 6.50
Specific Rotation (α) _D ^{20°} (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.	





Product Specification

cdhfinechemical.com

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

Replace Date 25-Nov-2025