



Product Specification

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D-MANNITOL PURE	
PRODUCT CODE	147510
SYNONYMS	--
C.I. NO.	--
CASR NO.	(69-65-8)
ATOMIC OR MOLECULAR FORMULA	C₆H₁₄O₆
ATOMIC OR MOLECULAR WEIGHT	182.17
PROPERTIES	--
PARAMETER	LIMIT
Description	A fine white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (GC/HPLC)	99.0%
Melting Point	166 – 169°C
Specific Rotation (α) _D ²⁰ (C=8 in aq.10.4% solution of disod.Tetraborate)	Between + 23 to + 25°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying at 110°C	0.5%
Sulphated ash	0.05%
Reducing sugars	0.2%
Free acid	0.1 ml N/1%
Note(s) : 1] Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: Response: ---	IMDG Code : UN No. : IATA :
Disposal : -----	
Hazard Pictogram(s) :	

Replace date 01-June-2026