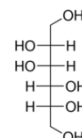


D-MANNITOL FOR MOLECULAR BIOLOGY

PRODUCT CODE	959800
SYNONYMS	Mannite
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	Store below 30°C
PARAMETER LIMIT	
Description	White to off-white crystals or powder or free-flowing granules.
Solubility	Soluble in water.
Minimum assay (GC/HPLC)	99.00%
Specification rotation $[\alpha]_D^{20}$ (C=8 in aq. 10.4% soln. of disod. tetraborate)	Between + 23 to + 25°
Melting range	165 - 170°C
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C, 2hr)	0.50%
DNase, RNase	None detected
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	



Replace Date-26-Mar-2025