



SPECIFICATION

Product Code: 23980

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Product Name : D(-)MANNITOL AR (FOR BACTERIOLOGY)

$C_6H_{14}O_6$

M.W. 182.17

Minimum assay	99.5%
Melting point	166-169°C
Specific rotation $[\alpha]^{20}_D$ (C=8, In Aqueous Solution 10.4% Disodium Tetra borate)	+23° to +25°

Maximum Limits of Impurities:

Insoluble matter	0.01%
Acidity (CH ₃ COOH)	0.005%
Sulphated ash	0.02%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.0001%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Reducing sugars (C ₆ H ₁₂ O ₆)	0.05%

(Internal standard in the GLC analysis of glycolipids for bacteriology and boric acid determination)

CAS No. : 69-65-8 F : 3

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