

SPECIFICATION

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Product Code 70220-0301
Commodity D(-)-Mannitol
Grade Guaranteed Reagent
Q'ty 500g

[Test Item]	[Standard]	CASNo.69-65-8
ASSAY(C ₆ H ₁₂ O ₆)	min. 99.0 %(m/m)	
Solubility in water	To pass test	
Melting point	165~170 °C	
Specific rotation [α] _D ²⁰	+22.0~+25.0 °	
Drying loss (105°C)	max. 0.2 %(m/m)	
Ignition residue (as sulfates)	max. 0.05 %(m/m)	
Acid (as CH ₂ COOH)	max. 0.006 %(m/m)	
Chloride (Cl)	max. 0.003 %(m/m)	
Sulfate (SO ₄)	max. 0.005 %(m/m)	
Lead (Pb)	max. 5 ppm(m/m)	
Iron (Fe)	max. 5 ppm(m/m)	
Reducing sugar (as mannose)	max. 0.05 %(m/m)	