

**PRODUCT SPECIFICATION**

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**Catalog :** MA165

Mannitol, Powder, USP

**CAS# :** 69-65-8

**Formula :** C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>

**Formula Weight :** 182.17

**Test**

**Limit  
Min. Max.**

Test	Limit Min. Max.
ASSAY (C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> ;DRIEDBASIS)	96.0 - 101.5 %
MELTING RANGE	164 - 169 C
SPECIFIC ROTATION [α] <sub>D</sub>	+137 TO +145
ACIDITY	-- TO PASS TEST
LOSS ON DRYING	-- 0.3 %
CHLORIDE (Cl)	-- 0.007 %
SULFATE	-- 0.01 %
ARSENIC (As)	-- 1 PPM
REDUCING SUGARS	-- TO PASS TEST
IDENTIFICATION	-- TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	--TO PASS TEST