



## Specification for Mannitol, Reagent, ACS (M1120)

Item Number	M1120
Item	Mannitol, Reagent, ACS
CAS Number	69-65-8
Molecular Formula	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight	182.17
MDL Number	
Synonyms	1,2,3,4,5,6-Hexanehexol ; D-Mannitol ; Mannite ; Cordycepic Acid

Test	Specification	
	Min	Max
APPEARANCE		
SPECIFIC ROTATION [α] <sub>D</sub>	+23.3 to +24.3	
REDUCING SUGARS	TO PASS TEST	
INSOLUBLE MATTER		0.01 %
LOSS ON DRYING @ 105 C		0.05 %
RESIDUE AFTER IGNITION		0.01 %
TITRABLE ACID		0.0008 meq/g
HEAVY METALS (as Pb)		5 ppm
EXPIRATION DATE		
DATE OF MANUFACTURE		

### *Spectrum Chemical Mfg Corp*

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