

Item Number	MA165
Item	Mannitol, Powder, USP
CAS Number	69-65-8
Molecular Formula	C ₆ H ₁₄ O ₆
Molecular Weight	182.17
MDL Number	
Synonyms	1,2,3,4,5,6-Hexanehexol ; D-Mannitol ; Mannite ; Cordycepic Acid

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	97.0	102.0 %
MELTING RANGE	165° -170°C	
APPEARANCE OF SOLUTION	CLEAR AND COLORLESS	
LOSS ON DRYING		0.5 %
NICKEL		1 µg/g
CONDUCTIVITY @ 25 C		20 µS/cm
RELATED SUBSTANCES:		
SORBITOL		2.0 %
SUM OF ISOMALT AND MALTITOL		2.0 %
UNSPECIFIED IMPURITIES		0.10 % for each impurity
TOTAL IMPURITIES		2.0 %
REDUCING SUGARS		0.1 %
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT		10 ³ cfu/g
TOTAL COMBINED MOLDS AND YEASTS COUNT		10 ² cfu/g
ESCHERICHIA COLI		Negative
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
CERTIFIED KOSHER		
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

<i>Corporate Headquarters:</i>	<i>West Coast Facility:</i>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000