



TECHNICAL DATA SHEET(TDS)

Mannitol, Powder, USP Grade

Product Specifications (CAS# 69-65-8)

Test	Specification	Typical Results
Appearance	White or almost white powder or crystal	White Crystal
Assay	97.0 - 102.0%	99.8%
Melting point	165 - 170 Deg. C	166 - 168 Deg. C
Appearance of solution	Clear and Colorless	Pass
Loss on drying	Max 0.5%	0.1%
Nickel	Max 1 µg/g	<1 µg/g
Conductivity	Max 20 µS/cm	3.1 µS/cm
Sorbitol	Max 2.0%	0.2%
Sum of Maltitol & Isomalt	Max 2.0%	Not detected
Total Impurities	Max 2.0%	0.2%
Reducing sugars	Max 0.1%	<0.1%
Microbial Contamination, TAMC	Max 1000 CFU/g	10 CFU/g
Microbial Contamination, TYMC	Max 100 CFU/g	10 CFU/g
Absence of Escherichia Coli	Negative	Pass
Identification: Infrared absorption spect.	Conforms to spectra	Conforms
Residual Solvents, USP <467>	None	Conforms

Appropriate/legal use of this product is the responsibility of the user.

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