

Certificate of Analysis**Product: Mannitol, Powder, USP Grade****Item Number: MANPU****CAS#: 69-65-8****Grade: USP****Lot Number: 5002487/1.1****Manufacture Date: 02/25/2026****Expiration Date: 02/24/2029****Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	White or almost white powder or crystal	White Crystal
Identification: Infrared absorption spect.	Conforms to spectra	Conforms
Assay	97.0 - 102.0%	99.8%
Sorbitol	Max 2.0%	0.1%
Sum of Maltitol & Isomalt	Max 2.0%	Not detected
Total Impurities	Max 2.0%	0.2%
Reducing sugars	Max 0.1%	<0.1%
Nickel	≤1 µg/g	<1 µg/g
Melting point	165 - 170°C	166 - 168°C
Appearance of solution	Clear and Colorless	Pass
Loss on drying	Max 0.5%	0.1%
Conductivity	Max 20 µS/cm	1.9 µS/cm
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	Negative
Bacterial Endotoxins	Max 2.5 IU/g	<2.5 IU/g
Residual Solvents, USP <467>	None	Conforms
Unspecified Impurities	Max 0.10%	Not detected

Store in a cool, dry, and well-ventilated environment.

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[Mannitol, Powder, USP Grade](#)

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