



PRODUCT SPECIFICATION SHEET

Mannitol Powder, USP Grade

Test	Specification	Typical Result
Assay (KNO ₃)	97.0 – 102.0 %	99.9 %
Appearance	White or almost white powder	Pass
Identification: Infrared Absorption Spectrophotometry	To Pass Test	Pass
Sorbitol	≤ 2.0%	0.2 %
Sum of Maltitol and Isomalt	≤ 2.0%	Not Detected
Unspecified Impurities	≤ 0.10%	Not Detected
Total Impurities	≤ 2.0%	0.2 %
Reducing Sugars	≤ 0.1%	< 0.1%
Nickel	≤ 1 µg/g	< 1 µg/g
Melting Point	165°C - 170°C	166°C - 168°C
Appearance of Solution	Clear and Colorless	Pass
Loss on Drying	≤ 0.5%	0.1 %
Conductivity	≤ 20 µS/cm	2.1 µS/cm
Microbial	TAMC ≤ 10 ³ CFU/g	10 CFU/g

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