

Technical Data Sheet

Commodity: D-Mannitol (Mannitol)

Description:

White crystalline powder. it is sweet in taste, odor free and with sweet taste, it is easily dissolved in water and slightly dissolved in ethyl alcohol.

Packing: In 25kg/bag with PE inner bag or In 25kg/drum with PE inner bag

Storage: Sealed bags should be stored in-doors under cool, dry conditions. Optimum storage and handling Conditions for Fructosan are 25°C or lower and less than 60% relative humidity.

H.S. Code: 2905.4300

ITEM	STANDARD USP42
Appearance	White crystalline powder
Melting point	165°C~170°C
Identification Infrared absorption spectrophotometry	Conformity
Appearance of solution	Clear and colourless
Related substances: Sorbitol Maltitol and Isomalt Unspecified impurities Total impurities	≤2.0% ≤2.0% ≤0.10% ≤2.0%
Reducing sugars	≤0.1%
Nickel	≤1 ppm
Loss on drying	≤0.5%
Conductivity	≤20us/cm
Assay	97.0% ~ 102.0%
Bacterial endotoxins	<2.5 IU/g
Microbial contamination: TAMC TYMC Escherichia coli Salmonella	≤1000 CFU/g ≤100 CFU/g Negative Negative
Residual solvents	The raw materials, manufacturing process and product do not contain any of the solvents listed in Residual Solvents (USP<467>)