

SHANDONGLUJIAN BIOLOGICAL TECHNOLOGY CO.,LTD.

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Specification of Sorbitol Powder

Product Name	Sorbitol powder E 420
ITEM	STANDARD(FCC 10) Complies with Reg. (EU) No 231/2012
Identification	Meets the requirement
Solubility	Very soluble in water, slightly soluble in ethanol
Appearance	White Crystal
Assay (Sorbitol)	91.0%-100.5%
Assay of Total Glycitol	≥ 97%
Total Sugar	≤0.5%
Water	≤1.5%
Reducing Sugar	≤0.3%
PH(50% solution)	3.5-7.0
Residue on ignition	≤0.1%
Conductivity	≤ 20 μS/cm
Melting Range	88 to 102°C
Lead	≤1 mg/kg
Nickel	≤1 mg/kg
Heavy metal(as Pb)	≤5 mg/kg
Arsenic(as As)	≤1 mg/kg
Chloride	≤50 mg/kg
Sulphate	≤50 mg/kg
Coliform	Negative
Salmonella	Negative
Colon bacillus	Negative in 1g
Total plate count	≤1000cfu/g
Yeast &Mold	≤100cfu/g

Date:10th Sep 2020.

