


Xylitol Specification

Editor	Xiu Xiuhong	Edited date	Aug. 01, 2018
Approver		Approved date	Aug. 01, 2018
Name or product	Xylitol	CAS#	87-99-0
Specification code	FX 10	Shelf life	36 months

Item	Specification	Testing Method
Appearance	White or almost white, crystalline powder or crystals.	FCC
Identification	Infrared absorption	USP
Solubility	Easily dissolve in water, slightly soluble in ethanol	FCC
Melt point	92 °C - 96 °C	Ch.P
Assay(anhydrous basis)	98.5%-101.0%	FCC
Other Polyol (on dry base)	≤ 1.0%	FCC
Reducing sugar	≤ 0.2%	USP
Water	≤ 0.5%	FCC
Residue on ignition	≤ 0.1%	FCC
Heavy metals	≤ 5mg/kg	USP
Arsenic	≤ 0.5 mg/kg	GB
Lead	≤ 0.5 mg/kg	GB
Nickel	≤ 1 mg/kg	GB
Microbiological test		
Total count	Max. 100 CFU/g	GB
Coliform	Max. 3 MPN/g	GB
Yeast & Mold	Max. 100 CFU/g	GB
Particle size	10-40 Mesh	

Conform to USP /BP / FCC standard.

Storage well-closed containers.