

CERTIFICATE OF ANALYSIS

Product Name:Xylitol	Manufacture date:20200719	Batch No.:120071902	Inspector: 07
CAS No.:87-99-0	Expired date:20230718		Supervisor: 01
Molecular Formula: C ₅ H ₁₂ O ₅	Test date:20200720		

INSPECTION RESULT

Items	Reference Standard USP /BP / FCC	Result
Appearance	White or almost white, crystalline powder or crystals	Conforms
Identification	Infrared absorption	Conforms
Solubility	Easily dissolve in water, slightly soluble in ethanol	Conforms
Assay	98.5%-101.0%	99.74%
Other Polyol (on dry base)	≤ 1.0%	0%
Reducing sugar	≤ 0.2%	0.016%
Melt point	92 °C - 96 °C	92.9°C
Water	≤ 0.5%	0.09%
Residue on ignition	≤ 0.1%	0.020%
Heavy metals	≤ 5mg/kg	<5 mg/kg
Arsenic	≤ 0.5 mg/kg	0.06mg/kg
Lead	≤ 0.5 mg/kg	0.06mg/kg
Nickel	≤ 1 mg/kg	0.07mg/kg
Total count	≤100 CFU/g	<10CFU/g
Coliform	<3MPN/g	<3MPN/g
Yeast & Mold	≤100 CFU/g	<10CFU/g
Particle size	Residue on 850Mic(20mesh)	Max 10 %
	150Mic(100mesh)Pass	Max 5%
Conclusion	Conform to USP /BP / FCC standard.	

Storage conditions: Storage in ventilated and dry condition.

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