

河南豫鑫糖醇有限公司技术规格

YUSWEET CO., LTD TECHNICAL SPECIFICATION

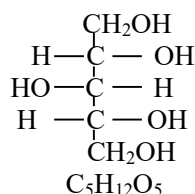
结晶木糖醇 XYLITOL CS

物料编码 Material No.: 1279372

食品级 Food Grade, Crystalline

产品执行标准 GB1886.234, USP/NF, FCC,JP,E967 and Ph. Eur. monographs

Product complies with GB1886.234, USP/NF, FCC,JP,E967 and Ph. Eur. monographs for Xylitol



Mol. Wt.: 152.15

性状：白色结晶，味甜，有清凉感觉，无异味。

DESCRIPTION: White crystalline; practically odourless, with a very sweet, cool taste.

溶解性：易溶于水中（20℃，每毫升水约溶解 1.6 克），略溶于酒精。

SOLUBILITY: Very soluble in water (approximately 1.6 g/ml @ 20℃); slightly soluble in ethanol.

红外光谱检测符合标准要求

Infrared absorption spectroscopy: Consistent with the xylitol CRS comparison

规格	SPECIFICATIONS:	限值 LIMITS:	方法 METHOD:
颜色	Colour	Max. 15 ICUMSA	ICUMSA
pH	(10% w/v solution)	5.0 - 7.0	pH meter
含量	Assay (on dry substance)	98.5% - 101.0%	HPLC
其它多元醇	Other polyols (on d.s.): - singly - total	Max. 0.5% Max. 1.0%	HPLC HPLC
还原糖	Reducing sugars	Max. 0.2%	Luff Schoorl
干燥减量	Moisture	Max. 0.5%	Karl Fischer
灼烧残渣	Ash/Residue on Ignition	Max. 0.1%	ICUMSA conductivity/USP
熔点	Melting point	92°C - 96°C	European Pharmacopoeia
砷	Arsenic	Max. 0.5 mg/kg	ICP
氯化物	Chloride	Max. 40 mg/kg	USP
硫酸盐	Sulphate	Max. 50 mg/kg	USP
重金属	Heavy metals	Max. 1.0 mg/kg	European Pharmacopoeia
铅	Lead	Max. 0.3 mg/kg	ICP
镍	Nickel	Max. 1.0 mg/kg	ICP
电导率	Conductivity (on 20 % dry solids solution 20 °C)	Max. 20 µ S/cm	E967
平均粒度	Mean particle size range	0.2-0.5mm	Sieving method
微生物	Microbiological Assay		
- 菌落总数	-Total count	Max. 100 CFU/g	European Pharmacopoeia
- 酵母菌	-Yeasts	Max. 10 CFU/g	European Pharmacopoeia
- 霉菌	-Moulds	Max. 10 CFU/g	European Pharmacopoeia
-大肠菌群	-Coliforms	Negative/g	European Pharmacopoeia

木糖醇是稳定的，在空气中吸潮是有限的，木糖醇在原始密封包装中，储存于清洁、干燥、通风处，保质期至少三年。木糖醇不是危险性产品，根据需要可以提供物料安全数据表（MSDS）。

Xylitol is stable to air and heat but is marginally hygroscopic. Goods in the original sealed packaging, Stored in clean, dry and ventilated place can be expected to retain stability for at least three years. Non-hazardous material. Material Data sheet (MSDS) is available on request.

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Feb. 2022