



梅花集团国际贸易（香港）有限公司

MEIHUA GROUP INTERNATIONAL TRADING (HONG KONG) LIMITED

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SPECIFICATIONS OF XANTHAN GUM

Xanthan gum is an extracellular acidic heteropolysaccharide produced by the fermentation of xanthomonas campestris bacterium. Made from corn starch and other carbohydrates through the processes of culturing, extracting, evaporating and grinding, it is widely used in industries such as food, oil, mining, pharmacy and textile.

CAS No. 11138-66-2

Chemical Formula $C_{35}H_{49}O_{29}$

检测项目 Test Item	食品级 Food Grade MHF-80	
	下限Min	上限Max
感观 Description	类白色或浅米黄色粉末或颗粒 Off-white or Light Yellow Free Flowing Powder or granular	
粒度 Particle Size, %	80Mesh	
	Thru USS #80≥95	
1% Kcl溶液粘度, mPa.s Viscosity(cps) 1% XG in 1% Kcl solution Brookfield LVDV- II +, 3# spindle, 60rpm, 25±1℃	1200	1800
干燥失重 Loss on Drying, %	/	13.0
剪切性能值 Shearing Ratio	6.5	/
灰分 Ashes, %	/	13.0
总氮 Total Nitrogen, %	/	1.5
丙酮酸 Pyruvic acid, %	1.5	/
PH (1% XG solution)	6.0	8.0
铅 Pb, ppm	/	2.0
菌落总数 Total Plate Count, cfu/g	/	5000
霉菌和酵母菌 Yeasts & Moulds Count, cfu/g	/	500
大肠菌群 Coliforms, MPN/g	/	3
沙门氏菌 Salmonella	/	0/25g

Package 25kg compounded Paper-PE bag

Storage Store in a cool and dry place

Shelf life 24 months