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Product Specification

GOMMA XANTANO FEDCS 16 MESH

Pharmaceutical Grade (conform to Ph. Eur. / USP / FCC / EU)

Product name	Xanthan Gum FEDCS (Easily Dispersible, Clear Solution, Personal Care)
EC No.	234-394-2
CAS No.	11138-66-2
Characteristics	A white or yellowish-white, free-flowing powder, soluble in water giving a highly viscous solution, practically insoluble in organic solvents

Granulation Product Code:		
- FEDCS-PC (agglomerated)	through 16 mesh (< 1.180 mm)	100 %
Description		granulated powder
Identification		conforms
Assay		91.0 – 108.0%
Viscosity	1% xanthan gum in 1% KCl solution Brookfield LVTD, spindle 3, 60 rpm, 25°C	1300 – 1700 mPa·s
Viscosity Ratio V1:V2		max. 1.45
Clarity of Solution	Transmittance at 600 nm	min. 85%
Loss on Drying		max. 15.0%
pH (of 1% solution)		6.0 – 8.0
Isopropyl Alcohol		max. 500 mg/kg
Pyruvic Acid		min. 1.5%
Ash		6.5 – 16.0%
Nitrogen		max. 1.5%
Heavy metals		max. 10 mg/kg
Arsenic		max. 2 mg/kg
Lead		max. 2 mg/kg
Mercury		max. 1 mg/kg
Cadmium		max. 1 mg/kg
Organic volatile impurities		passes USP test
Other Polysaccharides		passes Ph. Eur. Test
Cellulase Activity		negative
Amylase Activity		negative
Total Plate Count		max. 500/g
E. coli		negative/25 g
Coliforms		negative/25 g
Salmonella		negative/25 g
Pseudomonas aeruginosa		negative/g
Staphylococcus aureus		negative/g
Enterococcus faecalis		negative/g
Molds		max. 50/g
Yeasts		max. 50/g
Viable Cells of Xanthomonas campestris		negative/g

We herewith confirm that this product meets the requirements of the latest edition of the European Pharmacopoeia (Ph. Eur.), the United States Pharmacopeia (USP), the Food Chemicals Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the Ph. Eur., the USP, the FCC or are equivalent. Test methods are available on request.