



Xantham Gum (Food grade)

SPECIFICATION DATASHEET			
Test	Units	Specification	Typical
Solubility		Soluble in cold and hot water	
Assay	%	91 - 108	
Viscosity	mPA-s	1,200 – 1,700	
pH	-	6.0 – 8.0	
Shearing Ratio	%	≥6.50	
Ash	%	≤15.0	
Pyruvic Acid	%	≥1.5	
Loss on drying	%	≤13.0	
Total nitrogen		≤1.5	
Total Heavy Metals	ppm	≤20	
Lead (Pb)	ppm	≤20	
Tin (Sn)	ppm	≤20	
Total Plate Count	cfu/g	≤2,000	
Particle Size	mesh	Type 1 – 80 Type 2 – 200	
Ethanol residue	ppm	≤750	
Molds/Yeasts	cfu/g	≤500	
Coliform (in 5 g)		negative	
Staphylococcus Aureus		negative	
Xanthomons Campestris		negative	
Sa;monella (in 10g)		negative	



Xanthan Gum (O&G 40 mesh)

Test	Units	Specification
Solubility	-	Soluble in cold and hot water
Particle Size	mesh	40
Viscosity	mPA-s	1,200 – 1,700
pH (1% solution)	-	6.0 – 8.0
Shearing Ratio	%	≥6.50
Ash	%	≤15.0
Pyruvic Acid	%	≥1.5
Loss on drying	%	≤13.0
Rotational Viscometer		
600 r/min		≥75
300 r/min		≥55
200 r/min		≥45
100 r/min		≥35
6 r/min		≥18
3 r/min		≥16
API	mpa-s	≥1,950