



Specification

Concerning Product:	
Article number	11138662VF8
Trade name / designation / denomination	Xanthan Gum 80 mesh, E415, FCC
CAS number	11138-66-2
Other names / synonyms	•9H-xanthene; •Xanthan gum;
EC number	234-394-2
Molecular weight [g / mol]	182.2179
Formula	C ₁₃ H ₁₀ O

Parameter	Specification	Unit
Organoleptic test		
Colour	cream colored	
Physical parameter		
Acidity/Alkalinity	Pyruvic acid $\geq 1,5$	%
Form	powder	
Loss on drying	≤ 15	%
pH value	1% solution 6,0 – 8,0	
Viscosity	1% solution in 1% KCL 1200 – 1600	cp
Impurities		
Residue on ignition	≤ 13	%
Heavy Metals (as Pb)	≤ 20	ppm
Residual Solvents		
Ethanol	(or Isopropanol) ≤ 500	ppm
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Nitrogen (N)	$\leq 1,5$	%
Lead (Pb)	≤ 2	ppm
Microbiological data		

Escherichia Coli.	absence in 25 g	
Salmonella	absence in 25 g	
Total Plate Count	≤ 2000	CFU/g
Yeast and Mould	≤ 100	CFU/g
Particle size distribution		
Particles	through 80mesh (180µm) ≥ 95	%
Particles	through 60mesh (250µm) ≤ 100	%

Regulatory information:

Registration status:

- ISO9001
- ISO22000
- BRC
- IP
- Kosher
- Halal
- MUI Halal

Supplemental information:

Shelf life: 24 month

Note: The production is controlled under certified quality system and food safety system by ISO9001, ISO22000, BRC.

Storage conditions: Sealed and stored in cool, dry conditions.

Complies with monographie: FCC, E415

Packing: Carton box or paper bag , cardboard drum ,net weight 25kg

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Apr. 2022

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