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Product Specifications

Catalogue Number	32096
Product	Xanthan gum
CAS Number	11138-66-2

Warnings	<i>Hygroscopic!</i>
Appearance	Free flowing powder
Viscosity	1400 - 1600 mPas
Elemental Analysis (Theory)	≤ 1.5% (Nitrogen)
Heavy Metals	≤ 20 mg/kg
Cation	Arsenic: ≤ 2 mg/kg Lead: ≤ 2 mg/kg Mercury: ≤ 1 mg/kg Cadmium: ≤ 1 mg/kg
pH	6.0 - 8.0
Mould and Yeast	≤ 50 cfu/g
Loss on Drying	≤ 12%
Residual Solvents	Isopropyl alcohol: ≤ 500 mg/kg
Coliform Organisms	Negative/25g
E. Coli	Negative/25g
Microbial Count	≤ 1000 cfu/g (Total plate count)
Pseudomonas Aeruginosa	Negative/g
Salmonella	Negative/25g
Staphylococcus Aureus	Negative/g
Particle Size	≥ 100% through 60 mesh ≥ 95% through 80 mesh
Organic Volatile Impurities	Conforms USP test
Related Substances	Pyruvic acid: ≥ 1.5%
Ash	6.5 - 16.0%

Product Specifications

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Assay	91 - 108%
Grade	USP/EP/FCC
Storage	Store at RT
Additional Information	Other polysaccharides: Conforms EP test Powder colour: ≥ 60 B.cereus: Negative/g Enterococcus faecalis: Negative/g Xanthomonas campestris: Negative/g Factor viscosity : 1.02 - 1.45 Pyruvic acid : $\geq 1.5\%$

For Laboratory Use Only