

Specification sheet

Pharmaceutical and Fine chemical grade Gum

1. Introduction:

Pharmaceutical & Fine Chemical Grade Xanthan Gum can be used as thickener and stabilizer in liquid or ointment medicine, cosmetic, oral care products, household lotion. The addition of a small amount (0.1-0.2%) of Xanthan gum increases effectiveness. Improving in ointment-delamination, improved feeling & extrusion, helping product dispersion & increased absorbency. Improves the wet-keeping & film-forming ability, extending the spreading effect

2. Specifications:

Specifications	FF0390	FF0400
Appearance	White-like or light-yellow free flowing powder	
PH Value(1% solution)	6.0-8.0	
Loss on Drying	=12	
Ashes	=13	
Total Nitrogen	=1.5	
Shearing Ratio	=6.0	
Pyruvic Acid	=1.5	
Particle Size(Mesh)	120	200
1%Solution Viscosity(cps)	=1200	
Arsenic(ppm)	< 3	
Lead(ppm)	< 5	
Heavy Metals(ppm)	< 10	
Total Plate Count(cfu/g)	< 2000	< 1000
Moulds & Yests(cfu/g)	=100	
Salmonella	Negative	
E.coli	Negative	
Whiteness	≥70	

3.Executing Standard:

Conform with FCCIV,FAO

4.Package,Storage & Caution:

25KG in Cardboard Drum or Multiply Paper Bags.

25KG In outer cardboard drums or multiply paper bags

Stored in the original drums or bags under dry conditions and below 25degrees a shelf life of at least 12 months will be achieved.

Keeping bags closed and exposure with air after use. Recommendation is that the product is used within two weeks if the inner package is opened.

In view of the strong hydrophilic property the advised method of use is to pour the Xanthan gum into water as slowly as possible, making sure it dissolves completely, or alternately fully-mixing the Xanthan gum with other material at a ratio or 1:10 in preparation for using.

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