TECHNICAL DATA SHEET

Xanthan Gum

Product name : xanthan gum

Specification table

SR NO	Test	Specification
1	Appearance	Off-White or Light yellow free flowing powder
2	Viscosity (1% XG in 1% KCL Solution, cps)	≥1200
3	Shear Ratio	≥6.5
4	PH (1% solution)	6.0–8.0
5	Loss on drying	≤13.0%
6	Ash	≤13.0
7	Pyruvic Acid	≥1.5%
8	Dry sieve analysis, % thru US #40	≥95.0%
9	Dry sieve analysis, % thru US #200	≤50.0
10	Qualitative Starch Determination	Absent
11	Qualitative Guar Determination	Absent
	Rheology test 0.28% XG in sea water solution	
12	600 rpm	≥70.0
13	300 rpm	≥55.0
14	200 rpm	≥45.0
15	100 rpm	≥35.0
16	6 rpm	≥18.0
17	3 rpm	≥16.0
18	Brookfield LV, 1.5 rpm (mPa.S)	≥1950
19	Conclusion	Conform to the standard of API

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