



Jai Bharat Group

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CERTIFICATE OF ANALYSIS (C.O.A.)

PRODUCT SPECS : **XANTHAN GUM FOOD GRADE JBG80 (E-415)**
STANDARD : **GB1886. 41-2015**

Test Parameters	Unit	Specification		Results
		MIN.	MAX.	
Appearance		Off-white or Light Yellow free Flowing powder		Conform
Viscosity (1% XG in 1% KCL Solution)	Mpa.s	1200	1700	1340
Shear Ratio		6.5	-	7.7
Loss on drying (@105°C for 2 Hours)	%	-	13.00	9.2
Ash (determined @ 800°C)	%	-	13.00	<13
Total Nitrogen	%	-	1.5	<1.5
Pyruvic Acid	%	1.5	-	>1.5
pH (1% XG solution)		6.00	8.00	7.2
Lead (Pb)	mg/kg	-	2	<2.0
GRANULOMETRY				
Through 80 mesh- 75 μ	%	92.00	-	98.4
MICROBIOLOGICAL TEST				
Total Plate Count	CFU/gm	-	5000	200
Yeast & Moulds Count	CFU/gm	-	5000	<500
Coli-form	MPN/gm	-	3	<3
Salmonella	CFU/25gm	Absent	Absent	Absent