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PRODUCT SPECIFICATION (200 Mesh 5000 cps) Food Grade

PARAMETERS	UNITS	MIN	MAX	TYPICAL VALUE
Einecs		232-536-0		
Molecular weight		50000-8000000		
Description		Off white odorless powder		
Purity				
Loss on drying (125° C 2 Hours)	% by weight	8	12	10
Ash (determined @ 800° C)	% by weight	0.70	1.0	0.75
Acid Insoluble Matter	% by weight	1.0	3.0	2.5
Protein(Nx6.25)	% by weight	3.5	5.0	4.5
Gum Content /Glactomannans	% (by difference)	80.00	85.00	82.25
Starch (1:10 solution)		Not Detected		
pH (1% paste)	pH	6.0	7.0	6.5
Heavy Metal	mg/kg	-	<20.0	<16.0
Lead (Pb)	mg/kg	-	<2.0	<2.0
Arsenic (As)	mg/kg	-	<3.0	<3.0
VISCOSITY :- 1 % COLD (25° C) 2 min mixing in 1800rpm				
Elapsed Time : Spindle No. 4, RPM 20, Brookfield Viscometer Model DV-E				
15 Min.	mpaes	4200	4700	4400
2 Hours	mpaes	5000	5500	5200
24 Hours	mpaes	100% - 110% of 2 hrs value		
GRANULOMETRY				
Through 60 mesh	%	Pass	Pass	Pass
Through 100 mesh	%	Pass	Pass	Pass
Through 200 mesh	%	80	100	90
MICROBIOLOGY				
Total Plate Count	cfu/gm	1000	5000	3000
Yeast & Moulds Count	cfu/gm	100	300	200
Bacillus Cereus	cfu/gm	Negative	Negative	Negative
Coliform & E coli	cfu/ 10 gm	Negative	Negative	Negative
Salmonella	cfu/ 25 gm	Negative	Negative	Negative