



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

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Chemical Name : GUAR GUM DERIVATIVE

C.T.F.A./INCI Name : HYDROXYPROPYL GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE

CAS No: 71329 – 50 – 5

SPECIFICATIONS

Appearance	Yellowish fine powder
Viscosity at 25°C (mPa.s)	300 – 1000
Particle size (microns)	50 – 90
Diameter average	45 max.
Diameter for 10% volume	150 max.
Diameter for 90% volume	11.5 max.
Moisture (105°C, 2g) (%)	8.5 – 10.5
pH (1% aq. sol.)	Negative
Staphylococcus aureus	Negative
Pseudomonas aeruginosa	Negative
Coliforms – E. Coli	Negative
Enterobacteria and Gram negative bacteria	Negative
Total Plate count (CFU/g)	100 max.
Molds and yeasts (CFU/g)	100 max.

SPECIFICATIONS GUARANTED BY STATISTICAL PROCEDURE

421AN3081 Sulfuric ashes (%)	6.5 max
Substitution level	0.10 – 0.14 (cationic)
Odour	Characteristic
IR Identity test	Conform to typical spectrum
Soluble in	Water, gives a clear solution upon acidification
Insoluble in	Alcohols and oils