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Typical Product Specifications & Properties

Alginate Acid

CAS Number: : 9005-32-7

Specifications	Limits
Very Soluble	in water
Staphylococcus aureus	Absent in 1.0g
Bacteria	< 200 cfu/g
E. Coli	Absent in 10g
Lead	< 5 ppm
Arsenic	< 3 ppm
Heavy Metals	< 20 ppm
Yeast	< 100 cfu/g
Coliform	Negative by MPN
Salmonella	Absent in 10g
Pseudomonas aeruginosa	Absent in 1.0g
Identification A, B, C	Positive for Alginate Acid



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Specifications	Limits
pH (3% water slurry)	2.6 - 3.2
Particle Size	> 93% thru 80 mesh
Particle Size	> 88% thru 100 mesh
Loss on Drying	5.0 - 9.0%
Ash	< 4.0 %
Powder Color	> 70
Acid Value	> 230
Carboxyl Groups	(on dried solids basis) 19.0 - 25.0
Sulfated Ash	(on dried solids basis) < 8.0%
Mold	< 100 cfu/g
Chloride	< 1.0%
pH	1.5-3.5 (3 disp.)



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Specifications	Limits
Insolubility	in org. solvs.
Odor	wh. to yel. fibrous powd., odorless, tasteless
Acid Number	230
Molecular weight	240,000
Solubility	alkaline solns.



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