



INDENTATM
chemicals (India) Pvt. Ltd.



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Specifications

Product : Chitosan
CAS no. : 9012-76-4
Product Code : 2872

Test	Result
Properties (physical):	
Appearance	White to light yellow, free flowing powder
Odour	Odourless
Bulk density	≥0.20g/ml series product
Particle size (U.S.Mesh)	100% through 80Mesh
Appearance of the solution	Clear-colourless to light yellow
Analytical properties:	
Deacetylated degree	≥85.0%
Identification:	
Solubility	≥99.0% (in 1% Acetic acid)
Water content	≤12.0%
Ash Content	≤2.0%
Protein content	Non-Detectable
Viscosity	<200mPa.s(cps)(Determined by 1% Chitosan Dissolved in 1% Acetic acid solution at 20°C)
Heavy metals	≤10ppm
Lead	≤0.5ppm
Mercury	≤0.1ppm
Cadmium	≤1ppm
Arsenic	≤1ppm
Microbial:	
Total aerobic	NMT 1000 cfu/g
E.coli	Negative
Salmonella	Negative

