

Specification of Chitosan

Product: Chitosan

Type: Food Grade

Package:25KG/DRUM

ITEM	SPECIFICATION	TEST METHOD
Properties (physical):		
Appearance	White to Light Yellow, Free Flowing Powder	Q/ZAX 02-2012
Odour	Odourless	Q/ZAX 02-2012
Bulk Density	≥0.20g/ml Series Product	Q/ZAX 02-2012
Particle size(U.S.Mesh)	NLT 98% through 80 Mesh	Q/ZAX 02-2012
Appearance of the Solution	Clear-Colourless to Light Yellow	Q/ZAX 02-2012
Analytical Properties:		
Deacetylated Degree	≥90.0%	Q/ZAX 02-2012
Identification:		
Solubility	≥99.0% (in 1% Acetic Acid)	Q/ZAX 02-2012
Water Content	≤10.0%	Q/ZAX 02-2012
Ash Content	≤1.0%	Q/ZAX 02-2012
Protein Content	Non-Detectable	Q/ZAX 02-2012
Viscosity	<200mPa.s (cps)(Determined by 1% Chitosan Dissolved in 1% Acetic Acid Solution at 20 ℃)	Q/ZAX 02-2012
Heavy Metals	≤10ppm	Q/ZAX 02-2012
Arsenic	≤0.5ppm	Q/ZAX 02-2012
Microbial:		
Total Aerobic	NMT 1,000 cfu/g	Q/ZAX 02-2012
E.Coli	Negative	Q/ZAX 02-2012
Salmonella	Negative	Q/ZAX 02-2012

Meets Q/ZAX 02-2012 standards

Keep in well closed ontainer, free from water and light