

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36951
Product	Chitosan , high molecular weight (1000-2000
Lot Number	003124-988
	Deacetylated chitin
CAS Number	9012-76-4
Molecular Formula	[C ₆ H ₁₁ NO ₄] _n
Molecular Weight	~ 1,500,000

Appearance	White to light tan or light yellow powder
Solubility	> 99% in acetic acid
Viscosity	1972 cP
Cation	Arsenic (As) : < 1 ppm Lead (Pb) : < 0.5 ppm Mercury (Hg) : < 0.2 ppm Cadmium (Cd) : < 1 ppm
Water Content (Karl Fisher)	4.78%
pH	7
Yeast and Mold	< 100 cfu / g
Coliform Organisms	< 3 MPN / g
E. Coli	< 3 MPN / g
Microbial Count	< 1000 cfu / g (TPC)
Salmonella	Not detected in 25 g
Staphylococcus Aureus	< 3 MPN / g
Particle Size	< 100 mesh
Ash	0.40%
Storage	Store at RT
Additional Information	Degree of Deacetylation : 90.12%

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Lot Number: 003124-988

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager