INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.
Phone: (908) 359-6778 • FAX: (908) 359-1179
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number	024071
Lot Number	003124-295
Product	**Chitosan , low molecular weight (30-100 cP, 1 wt. % in 1% acetic acid at 25 °C) Mw ~ 250,000** Deacetylated chitin
CAS Number	9012-76-4
Molecular Formula	[C6H11NO4]n
Molecular Weight	~ 250,000

Appearance	White to light tan powder
Solubility	> 99% in acetic acid
Viscosity	65.10 cP
Cation	Arsenic (As) : < 1 mg / Kg Lead (Pb) : < 0.5 mg / Kg Mercury (Hg) : < 0.1 mg / Kg
Water Content (Karl Fisher)	5.02%
pH	7.25
Yeast and Mold	< 100 cfu / g
E. Coli	Absent
Microbial Count	< 1000 cfu / g (TPC)
Salmonella	Absent
Particle Size	< 100 mesh
Ash	0.67%
Storage	Store at RT
Additional Information	Degree of Deacetylation : 92.11%

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP