

MARINE BIO-POLYMERS LLP

RS.NO 243/2, GOLLALAKODERU (V), PALACODERU (M), WEST GODAVARI DIST, A.P-534202

CERTIFICATE OF ANALYSIS				
	PARAMETERS	UNITS	STD. RANGE	VALUE
GENERAL PROPERTIES				
	PRODUCT NAME			Chitosan Water Soluble
	CAS.NO			9012-76-4
	BATCH.NO			WSC-04
	ORIGIN			SHRIMP CHITIN
PHYSICAL PROPERTIES				
	PHYSICAL FORM			Pulverized flakes
	SOLUBILITY IN WATER	%	> 99 %	Conforms
	SOLUTION APPERANCE		Light yellow	Conforms
	SMELL		ODOURLESS	ODOURLESS
	COLOUR		Pale yellow	Pale yellow
	VISCOSITY	Cp		< 100 cp
CHEMICAL PROPERTIES				
	DEGREE OF DEACETYLATION	%	85 - 98	87 %
	ASH CONTENT	%	< 1.0	< 1.0
	MOISTURE CONTENT	%	< 10	< 10
	PROTEIN CONTENT	%	Nil	Non detectable
	ACID INSOLUBLE MATTER	%	< 1.0	< 1.0
	HEAVY METAL ANALYSIS	ppm	< 5.0	Conforms
	LEAD	ppm	< 0.5	Conforms
	ARSENIC	ppm	< 0.5	Conforms
	MERCURY	ppm	< 0.1	Conforms
	CADMIUM	ppm	< 1.0	Conforms
SHELF LIFE		Months	36	36

Lab Analyst

Approved by