

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
	BATCH NO			44/24
	ORIGIN			SHRIMP CHITIN
PHYSICAL PROPERTIES				
	PHYSICAL FORM	mm	Pulverized flakes	Pulverized flakes
	SOLUBILITY IN 1% ACETIC ACID	%	> 99 %	Conforms
	SOLUTION APPERANCE		CLEAR	Conforms
	SMELL		ODOURLESS	ODOURLESS
	COLOUR		Off white	Off white
	VISCOSITY	Cp	---	25.15 cp
CHEMICAL PROPERTIES				
	DEGREE OF DEACETYLATION	%	>75	90 %
	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

Lab Analyst

Approved by