



Sarchem Laboratories, Inc

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CERTIFICATE OF ANALYSIS

Chemical Name	Chitosan				
CAS No:	9012-76-4	Batch No:	SL-0065	Quantity:	75 Kg
Manufacturer Date:	January 4, 2015	Analysis Date:	January 4, 2015	Reported Date:	January 4, 2015
Shelf Life:	3 Years				
Structure					
Molecular Formula	$(C_6H_{11}NO_4)_n$				
	Product Properties	Specifications		Results	
	Appearance	White Powder		PASS	
	D.A.C. %	≥95.0		96.1%	
	Viscosity cps	50-500		120	
	Insolubles %	≤0.5%		0.20%	
	Ash %	≤1%		0.75%	
	Moisture %	≤10		8.97%	
	Mesh Size	80 (95%)		(Pass)	
	Heavy Metals ppm	≤2.0		<1.0	
	As:	≤0.5		0.02	
	Ni:	<1.0ppm		Conforms	
	Cd:	<0.2 ppm		Conforms	
	Fe:	<100 ppm		Conforms	
	Pb:	<0.5 ppm		Conforms	
	Hg:	<0.2 ppm		Conforms	
	Cr (6+):	<1.0 ppm		Conforms	
	Cr (6+ .2+3+):	<50 ppm		Conforms	
	Limit of protein content	<0.2% of protein		Conforms	
	Microbiological test:				
	Total aerobic:	<1000 cfu/g		Conforms	
	Yeast and mold:	<100 cfu/g		Conforms	

	Density g/ml	0.28	0.30
Approved By:	S. Kumar	04.16.16	
Any claims, adjustments or returns must be made within 30 days.			