

CHITOSAN 100 MESH

CERTIFICAT D'ANALYSES / CERTIFICATE OF ANALYSIS

CARACTÉRISTIQUES GENERALES / GENERAL CHARACTERISTICS

<u>Analysis items</u>	<u>Standard specification</u>	<u>Actual Value</u>
<u>Physical :</u>		
Appearance	Off-White Free Flowing Powder	Complies
Taste	Characteristic	Complies
Aroma	Characteristic	Complies
Viscosity	100 mpa.s (cps) Max	12 mpa.s
Bulk density	0.25 g/ml Min	0.30 g/ml
Particle size	100 % through 100 Mesh	Complies
<u>Chemical :</u>		
Deacetylated Degree	90.0 % Min	90.4 %
Loss on drying	max 10.0 %	7.1 %
Residue on ignition	1.0 % Max	0.7 %
Protein	Negative	Complies
pH Value (1% in solution)	6.0 to 9.0	7.1
Heavy metals	max 15 ppm	Complies
Ferric salt	max 10 ppm	Complies
Arsenic	max 1 ppm	Complies
<u>Microbiology :</u>		
Total plate count	Max 3000 CFU/g	Complies
Yeast & Mold	Max 300 CFU/g	Complies
Salmonella	neg.	Negative
E. Coli	neg.	Negative