

CERTIFICATE OF ANALYSIS.

Product: Chitosan Pharma Grade	Date of Manuf: 08/01/2021	
Lot N°: 01	Date of Analyses: 11/01/2021	
Quantity:	Date of Expire: Indefinite	
Items	Specifications	Results
Appearance:	White Powder	Conform
Molecular Weight:	250.000-350.000 g/mol	Conform
Deacetylation Degree:	≥ 95%	98%
Viscosity (1% HAC):	50~200 cps	160 cps
Insoluble:	≤ 1%	0.32%
Ash:	≤ 0.5%	0.45%
Moisture:	≤ 10%	8.5%
pH:	7.0~9.0	8.5
Heavy Metals:	≤ 1.0ppm	< 1.0 ppm
Arsenic:	≤ 0.5 ppm	0.02 ppm
Cadmium	≤ 0.5 ppm	0.02 ppm
Lead	≤ 0.5 ppm	0.02 ppm
Mesh Size:	100 mesh (95% pass)	Conform
Total Plate count:	≤ 1000 cfu/g	Conform
Yeast & mold	≤ 100 cfu/g	Conform
E. Coli	Negative	Conform
Salmonella	Negative	Conform
Conclusion: Conform with Specifications.		

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