



ChitoLytic

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CERTIFICATE OF ANALYSIS EXAMPLE

Product Name: Chitosan
Grade: Food, Medical Research
Source Material: Mushrooms
CAS No.: 9012-76-4
Storage: <25°C, cool dry environment, well-sealed
Shelf Life: 36 months

Lot No.: 251811
Quantity: 50kG
Manufacturer Date: March 25, 2019
Test Date: March 27, 2019
Expiry Date: March 24, 2021

Test Item	Specification	Results
Appearance	White to light yellow powder	Conforms
Deacetylation (%)	85% - 95%	90.1%
Molecular weight (kDa)	250 - 300	Conforms
pH	7 - 8	7.4
Ash content (%)	≤2.0	0.71
Mesh size/sieve analysis	100% pass 80 mesh	Conforms
Loss on drying	≤10	6.4%
Heavy Metals		
Pb (ppm)	≤1.0	0.6
As (ppm)	≤2.0	1.0
Cd (ppm)	≤0.5	Negative
Hg (ppm)	≤0.5	Negative
Sum	≤20.0	10.0
Microbiology		
Total plate count (cfu/g)	≤1000	85
Mold and yeast (cuf/g)	≤100	21
E. Coli.	Negative	Negative
Salmonella	Negative	Negative

Date: March 27, 2019
Testing Supervisor: Nicole Parks -
Manager - Quality Assurance & Control

Signed: _____

