



SPECIFICATION SHEET

Mushroom Chitosan (C-M-98-501441)

Product: Mushroom Chitosan
Product Number: C-M-98-501441
Source Material: Plant-based, Mushrooms
CAS Number: 9012-76-4

Grade: Biomedical Research, Food, Agriculture, Industrial
Storage Conditions: <25°C, cool dry environment, well-sealed
Shelf-Life: 36 months

Test Item	Specification
Appearance/Characteristics	White to light yellow powder, free flowing powder
Degree of Deacetylation (%)	≥ 98.0
Viscosity (cps)	400 - 800
pH	7.0-8.0
Particle size/Sieve Analysis (mesh)	80
Moisture content (%)	≤ 8
Ash content (%)	≤ 1.0
Heavy Metals	
Pb (ppm)	≤ 1.0
As (ppm)	≤ 2.0
Cd (ppm)	≤ 0.5
Hg (ppm)	≤ 0.5
Total Heavy Metals Count (ppm)	≤ 20.0
Microbiology	
Mold and yeast (cuf/g)	≤100
E.Coli (cuf/100g)	Negative
Salmonella	Negative
Total plate count (cfu/g)	≤1000

Nicole Parks - QA & QC Supervisor

Signed: 

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