



## SPECIFICATION SHEET

### Mushroom Chitosan (C-M-95-401132)

**Product:** Mushroom Chitosan  
**Product Number:** C-M-95-401132  
**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	White to light yellow powder
Deacetylation (%)	>95%
Molecular Weight (kDa)	250 - 300
pH	7 - 8
Mesh size/sieve analysis	100% pass 80 mesh
Moisture content (%)	≤8
Ash content (%)	≤2.0
<b>Heavy metals (ppm)</b>	≤ 20.0
Pb (ppm)	≤1.0
As (ppm)	≤2.0
Cd (ppm)	≤0.5
Hg (ppm)	≤0.5
<b>Microbiology</b>	
Total plate count (cfu/g)	≤1000
Mold and yeast (cuf/g)	≤100
E. Coli (MPN/100g)	Negative
Salmonella	Negative

Nicole Parks - QA & QC Supervisor

Signed: 

