



SPECIFICATION SHEET

Mushroom Chitosan (C-M-85-401132)

Product: Mushroom Chitosan
Product Number: C-M-85-401132
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 (%)	≥ 90.0
Molecular Weight (kDa)	250 - 300
pH	7 - 8
Mesh size/sieve analysis	100% pass 80 mesh
Moisture content (%)	≤10
Ash content (%)	≤1.0
Heavy metals (ppm)	≤20.0
Pb (ppm)	≤1.0
As (ppm)	≤1.0
Cd (ppm)	≤0.5
Hg (ppm)	≤0.5
Microbiology	
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: 

