



## SPECIFICATION SHEET

### Chitosan Oligosaccharide (CO-101211)

**Product:** Chitosan Oligosaccharide  
**Product Number:** CO-101211  
**Source Material:** Crustacean  
**CAS Number:** 9012-76-4

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

Test Item	Specification
Appearance/Characteristics	Light yellow powder, free flowing powder, odorless
Deacetylation (%)	≥ 85
Molecular Weight (kDa)	≤ 3.0
pH	6.0 - 8.0
Bulk density (g/mL)	≥0.25
Particle size (mesh)	NLT 98% through 160 mesh
Insoluble (% - 35° C)	<0.2
Moisture content (%)	≤ 10.0
Ash content (%)	≤ 2.0
<b>Heavy Metals</b>	
Total Heavy Metals Count (ppm)	≤ 10.0
<b>Microbiology</b>	
Total Aerobic (cfu/g)	<1,000
Total Mold and yeast (cfu/g)	<100
E.Coli (cfu/g)	Negative
Salmonella	Negative
Total microbial plate count (cfu/g)	≤1000

Nicole Parks - QA & QC Supervisor

Signed: \_\_\_\_\_

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