

## Chitosan Oligosaccharide (COS) Feed Grade

Chitosan Oligosaccharide is a mixture of oligomers of D-glucosamine, it is the only known positively charged alkaline amino oligosaccharide which derived from rich marine biological resources (shrimp & crab shells) with enzymatic degradation. The degree of polymerization of the chitosan oligosaccharide is from 2 to 10, and the molecular weight is average 2,000.

English Name: Chitosan oligosaccharide, Chitosan Oligomers, Chitooligosaccharide, OligoChitosan, Oligo Chitosan

Molecular Formula:  $(C_6H_{11}NO_4)_n$  (n=2-10)

### Specification:

Items	Specification
Appearance	Yellow powder
Particle Size	≥100 Mesh
Loss on Drying	≤ 10%
Ash content	≤1.0%
Degree of deacetylation	≥85%
Insoluble	≤0.1%
Arsenic	≤ 1.0ppm
Heavy Metals as Pb	≤10.0ppm
Total Microbial Count	≤1000CFU/g
Esherichia coli	Negative
Salmonella	Negative
Chitosan oligosaccharides Content	≥ 90%
Weight-average Molecular Weight	1000 -5000 DA

can be formulated product standards based on customer demand

Packed in 25KG drums



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**Warranty:** This specification herein is offered as a guide and is believed to be accurate as of the date of issue. The values given are not to be considered as a warranty and they are subject to change without prior notice. For final contract specification regarding our products, please re-confirm with Technical Team or given by our sales.