

Chitosan Powder Water Treatment Grade

Product Description

Chitosan Powder (Water Treatment Grade) is a natural, biodegradable polymer derived from chitin, commonly sourced from crustacean shells. It is widely used in water treatment as an effective flocculant and coagulant, helping to remove suspended solids, turbidity, and heavy metals from industrial and municipal wastewater. With excellent adsorption properties, it is safe, eco-friendly, and highly efficient for improving water clarity and quality.

Specification & Typical Test results

Items	Specifications	Results
Appearance	Off-white	conform
D.A.C %	85 min	88
Viscosity	30~200 mpa•s (1%AC, 1%Chitosan, 20)	Conform
Ash %	2.0 max	1.5
Moisture %	10.0 max	9.2
Particle size	80 mesh	conform
PH value (1%.25°)	6.5—8.5	7.8
Arsenic (ppm)	1 ppm max	Less than 0.5
Heavy metal (ppm)	10 ppm max	Conform
Coli form bacteria	Negative	Negative
Salmonella sp.	Negative	Negative
Yeast (cfu/g)	100 max	Conform
Total plate count (cfu/g)	1000 max	conform

Packing in 25KG net weight fiber drums

Storage & Handling: Store in a cool, dry, and well-ventilated place. Keep container tightly closed and protect from moisture. Avoid prolonged exposure to air and humidity.

Shelf life: 24 months under recommended storage conditions.