



Technical Data Sheet

Product Name	Chitin		
CAS No	1398-61-4		
Molecular Structure	(C ₈ H ₁₃ NO ₅) _n		
Specification		Pharmaceutical Grade	Food Grade
	Appearance	Off-white powder	Off-white powder
	Degree of Deacetylation, %	≥85,90, 95	≥85,90, 95
	pH	7.0-8.0	7.0-8.0
	Loss on Drying,%	≤10	≤10
	Residue on Ignition, %	≤1.0	≤1.0
	Insoluble	≤1%	≤1%
	Heavy Metals, ppm (as Pb)	≤10	≤10
	Arsenic, ppm	≤0.5	≤0.5
	Total Plate Count, cfu/g	≤1000	≤1000
	Total Plate Count cfu/g	≤1,000	≤1,000
	Yeast, cfu/g	≤100	≤100
	E.Coli	Negative	Negative
	Salmonella	Negative	Negative
	Viscosity (1%,20°C), mpa.s	30-1000	30-1000
	Packing	25 kg/drum	25 kg/drum
Application	The product is often used to clean water, protect circumstance and in the dyestuff industry, paper -making industry, face-painting commodity, medicament assistant materia-l, hospital seam, and so on.It is made out of the cushion solvent, lube, amnia solvent as medicament assistant material		
Storage	Store in a well-closed container at cool and dry place.Protect from light, moisture and pest infestation.		
Stability	Stable under normal temperatures and pressures.		
Decomposition	Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.		