



**Technical Data Sheet**

**DS Chitosan HD ex Agaricus Bisporus P. (18597)**

**PRODUCT INFORMATION**

Latin name	Agaricus bisporus	Grade	Cosmetic
Part Used	fruit	INCI	CHITOSAN
Origin	China	Synonym	N-aceyl-D-glucosamine
CAS	9012-76-4	Chemical Formula	(C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub> ) <sub>n</sub>

ITEM	SPECIFICATION	METHOD	
Deacetylation	≥90%	Viscosity in 1% water	20 - 25mPa.s.
Chitosan content	≥85%	Mesh size/sieve analysis	>100nm
Glucan content	≤15%	Loss on drying	≤10%
Appearance*	Off-white to light yellow powder	Total Ash	≤3%
Odor/Taste	Characteristic	Protein	≤2%
ph	7-8	Loss on drying	≥ 8%
Bulk density	≥0.7g/ml		

\*The color may vary

**Heavy Metals**

Total Heavy Metals (mg/kg)	≤ 10.0 ppm
AS (mg/kg)	≤ 1.0 ppm
Pb(mg/kg)	≤ 1.0 ppm
Cd (mg/kg)	≤0.5 ppm
Hg (mg/kg)	≤0.1 ppm

**Statements**

Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Preservative	Preservative Free
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <300 cfu/g, Salmonella: negative, E. Coli: negative,
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
BSE/TSE	Risk Free BSE/TSE
Cosmetic quality	Complies with all requirements for cosmetics in Germany and the EU
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

**STORAGE AND HANDLING**

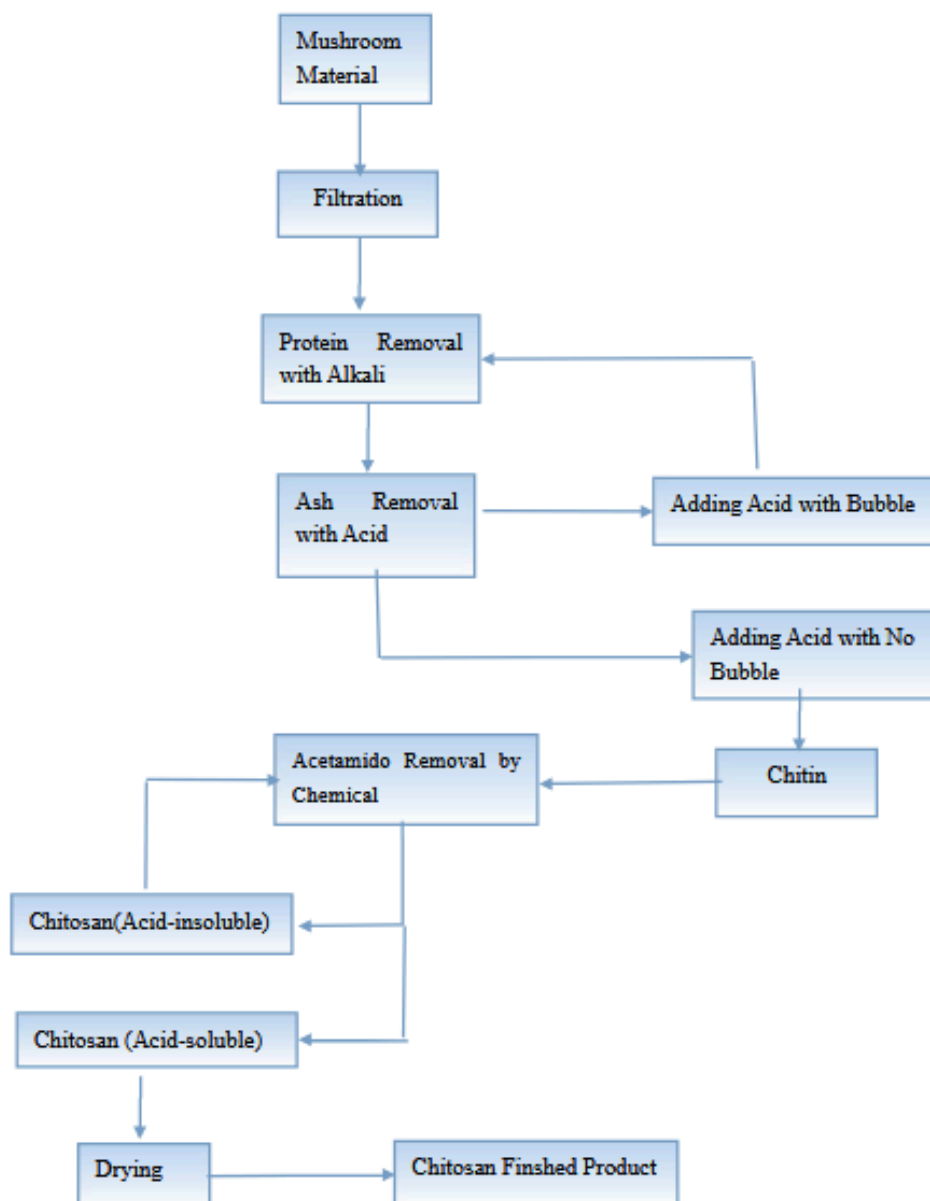
Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
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