

PRODUCT IDENTITY

PRODUCT NAME	Chitosan	PRODUCT NUMBER	C105799
Grades & Purity	≥95% (deacetylated) ,viscosity 100-200 mPa.s from shrimp shells	VERSION	3
CAS NUMBER	9012-76-4	FORMULA	(C ₆ H ₁₁ NO ₄) _n
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
(As)Arsenic	0-0.5 (ppm)
Deacetylation value	95-100 (%)
Total number of bacteria	0-1000 (cfu/g)
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)
Ash	0-1.5 (%)
bulk density	≥0.3(g/ml)
Total yeasts and molds count(TYMC)	0-100 (cfu/g)
Water by Karl Fischer	0-10 (%)
Heavy metals	0-10 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Appearance (C105799)	off-white to yellow to tan powder or chunks
Escherichia Coli	none detected
Salmonella	none detected