

4224– CHITOSAN

REF NO: TBL/QA/SS/LC/4224	STANDARD SPECIFICATION FOR CHITOSAN	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 4224

PRODUCT PROPERTIES

C.A.S Number	7080-50-4
Chemical Formula	$(C_6H_{11}NO_4)_n$
Formula weight	309.54
Functional Uses	Chitosan may be used as a flocculant, in protein precipitation, encapsulating agent and aqueous thickener. Forms gels with multivalent anions. Gives clear solutions that dry to strong, clear films.
Standard Packaging	25 gm, 100 gm & 1 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Off White to Beige and Faint Brown to Light Brown

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Deacetylation	NLT – 90.0 %
Moisture	NMT – 10.0 %
Ash	NMT – 5.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

