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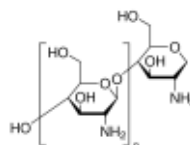
Product Specification

Product Name:
Chitosan – high purity, non-animal derived, average Mw 50 kDa

Product Number: **900341**
CAS Number: 9012-76-4

Formula: $(C_6H_{11}O_4N)_n$

Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	Yellow to Beige and Light Brown
Appearance (Form)	Powder
Infrared Spectrum	Conforms to Structure
Carbon Content	35.5 - 53.9 %
Nitrogen Content	6.9 - 10.5 %
Arsenic (As)	
Specification: Report Only	
Cadmium (Cd)	
Specification: Report Only	
Mercury (Hg)	
Specification: Report Only	
Lead (Pb)	
Specification: Report Only	
Molecular Weight by GPC	40000 - 60000
Degree of Deacetylation	≥ 80.0 %
by HNMR	
Expiration Date Period	-----
1 Year	

Specification: PRD.2.ZQ5.10000084972

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.