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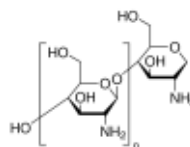
Product Specification

Product Name:
Chitosan - high purity, non-animal derived, average Mw 5,000

Product Number: **900345**
CAS Number: 9012-76-4

Formula: C₁₂H₂₄N₂O₉

Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	Light Yellow to Yellow to Beige and Light Brown
Appearance (Form)	Powder or Chunks
Infrared Spectrum	Conforms to Structure
Carbon Content	35.5 - 53.9 %
Nitrogen Content	6.9 - 10.5 %
Arsenic (As)	
Specification: Report Only	
Lead (Pb)	
Specification: Report Only	
Cadmium (Cd)	
Specification: Report Only	
Mercury (Hg)	
Specification: Report Only	
Molecular Weight by GPC	3500 - 6500
Degree of Deacetylation	≥ 80.0 %
by HNMR	
Expiration Date Period	-----
1 Year	

Specification: PRD.0.ZQ5.10000086261

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.