

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

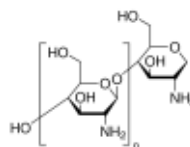
Product Specification

Product Name:
Chitosan - high purity, non-animal derived, average Mw 100 kDa

Product Number: **900342**
CAS Number: 9012-76-4

Formula: C₁₂H₂₄N₂O₉

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 (Mw)	80000 - 120000
Degree of Deacetylation	≥ 80.0 %
Expiration Date Period	-----
1 Year	

Specification: PRD.0.ZQ5.10000086259

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.