

## Product Specification

Product Name : Chitosan oligosaccharide  
Glentham Code : GU0761  
CAS Number : 148411-57-8  
MDL Number : MFCD00161512

Molecular Weight :  $\leq 5,000$  (avg.)  
Molecular Formula : -  
Storage Temp. : +20°C

Property	Specification
Physical Description	Off-white to light-yellow or tan powder
Solubility (5% in water)	Clear, yellow-brown solution
pH (1% in water)	4.0 - 6.5
Degree of Deacetylation	$\geq 72.0\%$
Water	$\leq 8.0\%$
Molecular Weight	$\leq 5000$ (average)
Arsenic (As)	$\leq 0.5\text{ppm}$
Lead (Pb)	$\leq 0.5\text{ppm}$
Mercury (Hg)	$\leq 0.2\text{ppm}$
Cadmium (Cd)	$\leq 0.2\text{ppm}$
Particle Size	$\leq 60$ mesh (US standard)
E. Coli	$\leq 3\text{MPN/g}$
Salmonella	Not detected in 25g
Total Yeast and Mould Count	$\leq 100\text{CFU/g}$
Total Plate Count	$\leq 1000\text{CFU/g}$

Specification Version : v1.0  
Date Created : 2016-08-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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