Certificate of Analysis

Chitosan (MW 150000)

Cat. No.:	HY-B2144A
CAS No.:	9012-76-4
Batch No.:	256975
Chemical Name:	Chitosan

PHYSICAL AND CHEMICAL PROPERTIES

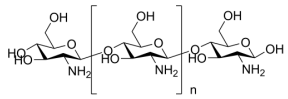
Molecular Formula: $(C_6H_{13}NO_5)n$

Molecular Weight: **150000.00(Average)**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



MW 150000

ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
Water:	8.1254%
Viscosity:	110 cps
Arsenic:	0.5 cps
Insolubles:	1.0%
PH:	7.25
Mercury:	0.3%
Heavy metals (Pb):	2mg/kg
Degree of deacetylation:	85.0%
ASH:	1.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA