



CERTIFICATE OF ANALYSIS

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1. Identification

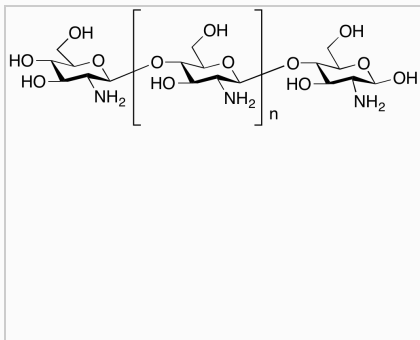
Catalogue Number: C315015

CAS Number: 9012-76-4

Synonym: 100D-VL; Amidan; Armour-Zen; BC 10; BC 10 (polysaccharide); Batch LO 7319CsU; Biochemica; Biochikol; Biochikol 020PC; Biopolymer L 112; C 3646; C 60M; CG 10; CG 110; ChitoClear TM 850-2; ChitoHeal; Chitolife; Chitopearl 3510; Cytochit; D 06188; DAC 100; Deacetylchitin; Elexa 4; Epakitin; FCM 117; FH 80; FM 200; FM 200 (chitosan); FM 80; FM 80S; Flonac 60M; Flonac C; Flonac C 60M; Flonac C 60M-SEK; Flonac CS; Flonac H; Flonac H 100M; Flonac LV; Flonac N; Flonac NSW-SEK; HC 1; HC 1 (polysaccharide)

Product: Chitosan

Structure:



Molecular Formula:

$[C_7H_{15}NO_4]_n$

Molecular weight:

$(177.20)_n$

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly)

Lot Number: 2-MXZ-57-1

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Beige Solid	Pale Beige Solid
Elemental Analysis	Conforms	%C: 41.38, %H: 7.03, %N: 7.77
FT-IR	Conforms to Structure	Conforms
MS (MALDI)	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	4/26/2022	4/24/2026

