



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221421C
Lot Number: SAMPLE
Product Name: Chitosan
CAS Number: 9012-76-4
Molecular Formula: $(C_6H_{11}NO_4)_n$
Molecular Weight: $(161)_n$

Test	Specification	Result
Appearance	Off-white powder	Complies
Purity	$\geq 90\%$	92.6% (deacetylated)
insoluble	$\leq 1.0\%$	0.1%
Mesh Size	80 - 100 mesh	Complies
pH	7.0 - 9.0	Complies
Heavy Metals	≤ 10 ppm	Complies
Moisture	$\leq 10.0\%$	9.5%
Arsenic	≤ 0.5 ppm	Complies
Ash	$\leq 1.0\%$	0.47%
Coliform	Not detected	Complies
Mold/Yeast	≤ 100 cfu/g	Complies
Salmonella	Not detected	Complies
Total Plate Count	≤ 1000 cfu/g	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com