

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-27 12:03:21

Date of Next Testing: 2029-06-26 12:03:21

Product Name: **Carboxylated chitosan**

CAS Number: 9012-76-4

Specifications & Purity: Carboxylation degree $\geq 80\%$, tissue engineering grade

Lot #: F2625556

SKU #: **C1516194**

Version: **1**

Analysis #: **667314**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Carboxylation degree	≥ 80 (%)	86.10000 %
Viscosity(c=1%, H ₂ O)	5-30 (cP)	26.00000 cP
pH	6.5-8	6.60000
Moisture content	0-12(%)	8.10000 %
Ash	0-20 (%)	15.00000 %
Protein Content	≤ 0.3 (%)	0.20000 %
Endotoxin	0-0.25(EU/mg)	0.20000 EU/mg
Insoluble matter	0-0.5 (%)	0.25000 %
Ethanol residue	≤ 0.5 (%)	0.30000 %
Heavy metals	0-10 (ppm)	5.00000 ppm
Total Plate Count	0-1000(CFU/g)	100.00000 cfu/g
Appearance(C1516194)	Off-white to light yellow flake or powder	Off-white to light yellow flake or powder



John Su
QA & QC Manager