

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-15 18:40:34

Date of Next Testing: 2025-11-14 18:40:34

Product Name: **Chitin Oligosaccharides (contains N-Acetylglucosamine)**

CAS Number: C406213

Specifications & Purity:

Lot #: K2211688

SKU #: **C406213**

Analysis: **147180**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Nitrogen	6.2- 6.5 (%)	6.20 %
Content of N-AG	≤ 50 (%)	49.00000 %
Specific Rotation [α] ₂₀ /D(c=1 H ₂ O)	17-23 (°)	19.70°
Water by Karl Fischer	≤5 (%)	4.90 %
Appearance(C406213)	White to Almost white powder to crystal	White to Almost white powder to crystal

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager