

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 16:11:42

Date of Next Testing: 2026-10-20 16:11:42

Product Name: **Glycol chitosan**

CAS Number: 123938-86-3

Specifications & Purity: $\geq 60\%$

Lot #: J2218925

SKU #: **G121028**Version: **3**Analysis #: **121486**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	7.23000 %
Nitrogen by Elemental Analysis	5-6 (%)	5.50000 %
Carbon by Elemental Analysis	40-44 (%)	42.30000 %
Degree of Polymerization	≥ 400	433.00000
Purity(Titration)	≥ 60 (%)	65.74000 %
Appearance (G121028)	Faint Yellow to Light Brown Powder	Faint Yellow to Light Brown Powder
Solubility in H ₂ O , Colorless to Yellow Clear to Slightly Hazy(2mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager