

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-15 11:10:44

Date of Next Testing: 2028-04-14 11:10:44

Product Name: **Glycol chitosan**

CAS Number: 123938-86-3

Specifications & Purity: $\geq 60\%$

Lot #: D2409113

SKU #: **G121028**

Version: **3**

Analysis #: **330489**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	0.03600 %
Nitrogen by Elemental Analysis	5-6 (%)	5.80000 %
Carbon by Elemental Analysis	40-44 (%)	42.38000 %
Degree of Polymerization	≥ 400	415.20000
Purity(Titration)	≥ 60 (%)	70.71000 %
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