

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-23 14:18:03

Date of Next Testing: 2027-11-23 14:18:03

Product Name: **Carboxymethyl chitosan**

CAS Number: 83512-85-0

Specifications & Purity: Degree of substitution: $\geq 90\%$

Lot #: K2420513

SKU #: **C304739**

Version: **4**

Analysis #: **433041**

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	1.54592 %
Ash	10.0-25 (%)	20.67293 %
Viscosity(1% in 1% water, 20°C)	< 200 (mPa·S)	13.83000 mPa·S
Insoluble matter in H ₂ O	0-1 (%)	0.00000 %
Degree of substitution(total)	≥ 90 (%)	108.30000 %
Appearance (C304739)	white to off-white to yellow powder	white to off-white to yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager