

Certificate of Analysis

Date of Testing: 2024-03-28 09:36:58
Date of Next Testing: 2027-03-28 09:36:58
Product Name: **Carboxymethyl chitosan**
CAS Number: 83512-85-0
Specifications & Purity: Degree of substitution: $\geq 90\%$
Lot #: C2426028
SKU #: **C304739**
Analysis: **324589**
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	9.81 %
Ash	10.0-25 (%)	22.57 %
Viscosity(1% in 1% water, 20°C)	< 200 (mPa·S)	6.34000 mPa·S
Insoluble matter in H ₂ O	0-1 (%)	0.00 %
Degree of substitution(total)	≥ 90 (%)	119.00000 %
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