

## Certificate of Analysis

Date of Testing: 2025-03-25 14:05:24  
Date of Next Testing: 2027-03-25 14:05:24  
Product Name: **Type I refined carrageenan**  
CAS Number: 9000-07-1  
Specifications & Purity: 100 mesh  
Lot #: C2521739  
SKU #: **T766556**  
Version: **1**  
Analysis #: **475402**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Moisture (105°C,4h)	0-12 (%)	9.75000 %
Viscosity (1.5% in water 75°C)	≥5 (mPa·S)	60.00000 mPa·S
Total Ash (550°C,4h)	15-40 (%)	34.80000 %
Acid -insoluble Ash	0-1 (%)	1.00000 %
Acid Insoluble matter	0-15 (%)	15.00 %
PH(1.0% w/w, in H2O 60°C)	8-11	9.90000
Sulfate(SO42-)	15-40 (%)	26.70000 %
Lead(Pb)	0-5 (ppm)	5.00 ppm
Arsenic(As)	0-3 (ppm)	3.00000 ppm
Cadmium(Cd)	0-2 (ppm)	2.00 ppm
Mercury(Hg)	0-1 (ppm)	1.00 ppm
Total Plate Count	0-5000(CFU/g)	900.00000 cfu/g
particle size(≥100mesh)	≥90 (%)	90.00000 %
Appearance(T766556)	Snowy white powder	snowy White Powder



ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager