

Certificate of Analysis

Date of Testing:	2025-07-29 16:53:27
Date of Next Testing:	2027-07-29 16:53:27
Product Name:	Type K refined carrageenan
CAS Number:	
Specifications & Purity:	120 mesh
Lot #:	G2525587
SKU #	T766563
Version	1
Analysis #:	475410
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Moisture (105°C,4h)	≤12 (%)	9.06000 %
Viscosity (1.5% in water 75°C)	≥5 (mPa·S)	150.00000 mPa·S
potassium Gel strength (1.5% +0.2%KCl (w/w) at 20°C,6-12h)	≥1300 (g/cm ³)	1630.00000 g/cm ³
water Gel strength(1.5% at 20°C,6-12h)	≥50 (g/cm ³)	495.00000 g/cm ³
Total Ash (550°C,4h)	15-40 (%)	21.80000 %
Acid -insoluble Ash	≤1 (%)	0.26000 %
Acid Insoluble matter	0-15 (%)	0.40 %
particle size (through (120mesh))	≥90 (%)	90.00000 %
Transparency(1.5%W/W in water)(T%)	≥90 (%)	90.60000 %
PH(1.0% w/w in water,60°C)	8-11	8.56000
Sulfate(as sulfate radical)	15-40 (%)	21.85000 %
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
Escherichia coli	<3.0 (MPN/g)	1.03200 MPN/g
Appearance(T766563)	snowy White Powder	snowy White Powder
Salmonella/1g	Negative	Negative



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager