

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 18:03:34

Date of Next Testing: 2027-07-29 18:03:34

Product Name: **Type K refined carrageenan**

CAS Number:

Specifications & Purity: 120 mesh

Lot #: G2525558

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 (%)	0.40000 %
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)	5.00000 ppm
Arsenic(As)	0-3 (ppm)	3.00000 ppm
Cadmium(Cd)	0-2 (ppm)	2.00000 ppm
Mercury(Hg)	0-1 (ppm)	1.00000 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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager