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Semi-Refined Kappa Carrageenan Specification

Semi-Refined Kappa Carrageenan is obtained by the treatment of the natural strains of seaweed *Eucheuma cottonii* of the class Rhodophyceae (red seaweeds) by removing impurities and fresh water washing and drying. It is used for its gelling, thickening, and stabilizing properties. Kappa Semi-Refined Carrageenan: E407a's main application is in dairy and meat products, due to its strong binding-to-food proteins.

E No	E407
CAS No.	9000-07-1
Einecs No.	232-524-2
HS Code	1302391100
Specification	Refined or semi-refined
Routine Packing	25kg
Place of origin	China
Certificate	Haccp, Kosher, Hala,ISO
Payment terms:	T/T or L/C
Port of dispatch	Shanghai, Tianjin, Qindao
Applications	Food grade Semi-Refined Kappa Carrageenan is used widely in the food industry, for their gelling, thickening, and stabilizing properties. Their main application is in dairy and meat products, due to their strong binding to food proteins. Carrageenan is also a vegetarian and vegan alternative to gelatin in some applications, in some instances it is used to replace gelatin in confectionery. In the meantime, carrageenan is considered a dietary fiber technically.

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Semi-Refined Kappa Carrageenan	
Appearance	tiny yellow powder
Particle Size	120/200mesh
Viscosity (mPa.s)	20~200
Total Ash Content (%)	≤30
Moisture (%)	≤13
KCL Gel Strength (g/cm ²) (1.5%,0.2% KCL)	≥450
Transparency (T%)	≥70
PH	7.0~11.0
Ash of not dissolve into acid (%)	≤1.0
Sulphate (% ,count by SO ₄ ²⁻)	15~40
Heavy metal	
Arsenic content (ppm)	≤2.0
Lead content(ppm)	≤5.0
Mercury content(ppm)	≤1.0
Cadmium content(ppm)	≤1.0
Microbiology	
Total Plate Count (cfu/g)	≤5000
Yeast & Moulds(cfu/g)	≤300
E. coli	Negative in 5g
Salmonella	Negative in 10g

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We're Semi Refined Kappa Carrageenan **Manufacturers, Suppliers and Wholesalers** in China. Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

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