

PRODUCT DATA SHEET



GENUGEL[®] carrageenan CG-130

Revision date: December 10, 2018

Description	GENUGEL [®] carrageenan CG-130 is a carrageenan.
Features in application	<ul style="list-style-type: none">• An anionic hot water-soluble hydrocolloid• Forms a firm, transparent and brittle gel
Typical Applications	Cosmetic and personal care applications, meeting the USP NF purity specifications.
Typical use level	0.5 – 4%
Standard packaging	Packed in 25 kg paper bags. All packaging material complies with FDA and EU food contact legislation.
Regulatory Compliance	<p>Manufactured under food cGMP</p> <p>The hydrocolloid(s) in question complies with current purity criteria according to</p> <ul style="list-style-type: none">• USP/NF monograph for carrageenan <p>INCI name: Carrageenan EU INCI name : Chondrus crispus powder China INCI 皱波角叉菜 (CHONDRUS CRISPUS)</p> <p>The identity, purity and microbial criteria relevant for the hydrocolloid can be found in Carrageenan Identity and Purity, Healthcare PS 0000014</p>
Labeling information	<p>GENUGEL[®] carrageenan CG-130</p> <p>Carrageenan CAS: 9000-07-1</p> <p>Not for retail sale</p>

GENUGEL[®] carrageenan CG-130

Revision date: December 10, 2018

Specifications (Reported on Certificate of Analysis)	Property	Specification	CP Kelco Control Method
	pH (1.0% solution)	8.0 - 11.0	0006049
	Loss on drying, %	<=12.5	0006051
	Total heavy metals, ppm	<=40.00	0006083
	FCC viscosity, cps	>=5.0	0302030
	Yeast and Mould, CFU/g	<=100	0800002
	<i>Salmonella spp</i>	Neg/25g	0800003
	<i>E. Coli</i>	Neg/12.5g	0800004
	Aerobic Plate Count, CFU/g	<=200	0800024
	* Breaking strength (0.7%), g XT2	300 – 700	0303108

*Functional property is guaranteed 365 days (12 months) from date of manufacture, when stored in a roofed and well ventilated area in the unopened original package.

If date of use is after the Functionality guarantee date but within Shelf Life/Best Before date the product can still be used but functionality may have changed slightly.

Other characteristics

- Texture free-flowing powder
- Particle size less than 3% gum on a 0.075 mm test sieve (DIN 80, 200 US mesh)
- Color*: White, yellowish, light grayish or light brownish
- Flavor*: Essentially flavorless
- Odor*: Essentially odor free

*) Carrageenan is produced from natural raw materials, thus batch to batch variation of color, flavor and odor may occur.

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since we can neither anticipate nor control the different conditions under which this information and our products are used. Each manufacturer should evaluate their final products to determine compliance with all relevant federal, state and local regulations. Further we can disclaim all liability with regard to its customers' infringement of third party intellectual property including, but not limited to, patents. We recommend that our customers apply for licenses under any relevant patents. No statement herein or by our employees shall be construed to imply the non-existence of relevant patents nor as a recommendation or inducement to infringe said patents. It is our policy, however, to assist our customers and to help in the solution of particular problems which may arise in connection with applications of our products.

GENUGEL[®] is a registered trademark of CP Kelco ApS and/or CP Kelco U.S., Inc. and may be registered or applied for in other countries.
© CP Kelco ApS 2001.

GENUGEL[®] carrageenan CG-130

Revision date: December 10, 2018

Shelf life / Best before When stored in a roofed and well ventilated area in the unopened original package, the product may be stored up to 1095 days (36 months) from date of manufacture.

Shelf Life/Best Before period is based on purity and identity specifications and is the guaranteed period through which we guarantee that the products are in compliance with the purity and identity criteria defined in the regulatory compliance section.

Additional documents Additional documents available upon request.
customer.request@cpkelco.com

Production facilities Possible production facilities of CP Kelco:
CP Kelco, Lille Skensved, Denmark

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since we can neither anticipate nor control the different conditions under which this information and our products are used. Each manufacturer should evaluate their final products to determine compliance with all relevant federal, state and local regulations. Further we can disclaim all liability with regard to its customers' infringement of third party intellectual property including, but not limited to, patents. We recommend that our customers apply for licenses under any relevant patents. No statement herein or by our employees shall be construed to imply the non-existence of relevant patents nor as a recommendation or inducement to infringe said patents. It is our policy, however, to assist our customers and to help in the solution of particular problems which may arise in connection with applications of our products.

GENUGEL[®] is a registered trademark of CP Kelco ApS and/or CP Kelco U.S., Inc. and may be registered or applied for in other countries.
© CP Kelco ApS 2001.

Page 3 of 3

e-mail solutions@cpkelco.com
www.cpkelco.com