

REFINED CARRAGEENAN HACCP PLAN SUMMARY

CCP	Identified Hazards	Critical Limits	Frequency	In-charge
1. CCP1 Biological: PASTING	Presence of Pathogens: <i>Escherichia coli</i> , <i>Salmonella</i> , <i>Staphylococcus aureus</i> , <i>Listeria monocytogenes</i> & <i>Pseudomonas aeruginosa</i>	1. Slurry Temperature and Exposure Time: ≥ 90 deg C for ≥ 15 minutes 2. Absence of Pathogens: <i>E. coli</i> , <i>Salmonella</i> , <i>Staph. aureus</i> , <i>Listeria monocytogenes</i> & <i>Pseudomonas aeruginosa</i>	Start of Pasting, 15 minutes interval until end of exposure time	Seaweeds Handling Technicians and Process Control Analysts
2. CCP2a Physical: SIEVING	Physical: Extraneous matters >2 mm (torn packaging material, broken equipment parts, etc.)	1. Absence of >2 mm extraneous matter on the Finished Products 2. Intact sieve screen (not torn or no cut strand)	Twice: Before and after use of sifter screen for every lot of Finished Product	Milling and Blending Technicians and Process Control Analysts
3. CCP2b Physical: METAL DETECTION	Extraneous metallic matters >2 mm (stainless steel, ferrous and non-ferrous metal)	1. Metal Detector detects the metallic test pieces (SS, Fe and non-Fe) before and after Metal Detection of Finished Product. 2. Absence of >2 mm extraneous metallic matter on the Finished Product	1. Before and after Metal Detection of Finished Product 2. Every bag of Finish Products	Milling and Blending Technicians/Finishing Supervisor/Product Coordinator

Prepared by:

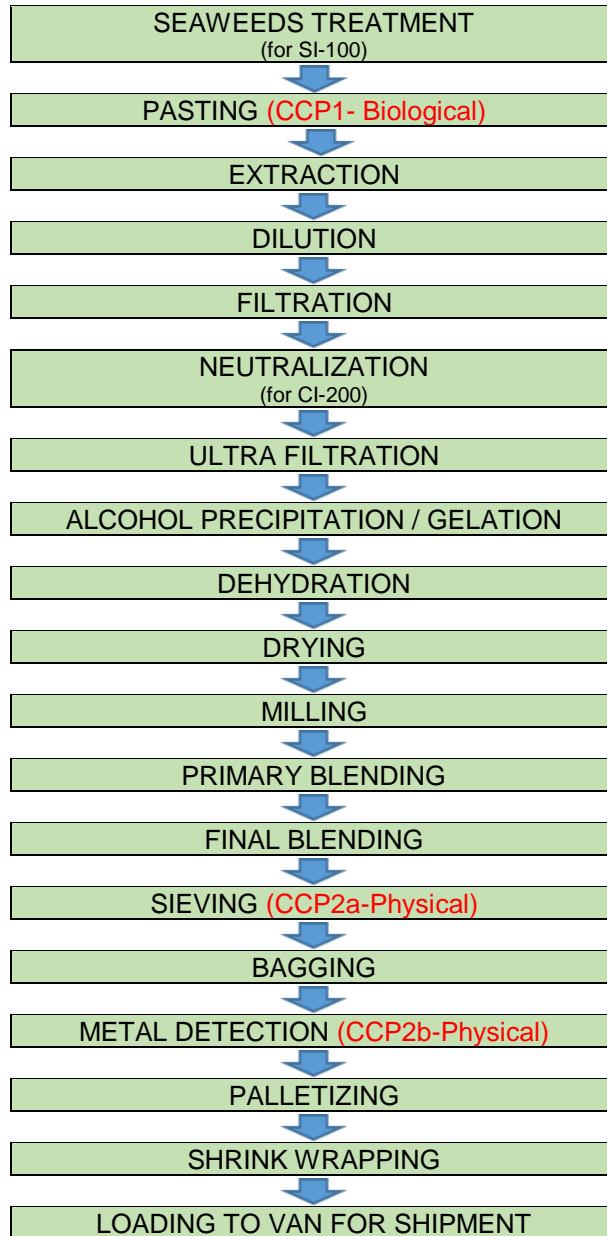
Effective Date: July 20, 2023




Ma. Dahlia T. Salazar / Beorosa C. Balibalos
FSP TL / PCQI



Issued: 08/14/2023

CARRAGEENAN SI-100 & CI-200 PROCESS FLOW DIAGRAM



Effective Date: 07-20-2023
Issued Date : 08-15-2023

Prepared by:



 Dahlia Salazar / Beorosa Balibalos
 Food Safety TL / PCQI

RADIOLOGICAL STATEMENT

This is to certify that Carrageenan products manufactured by Shemberg Biotech Corporation is in compliance with the Directive 1999/3/EC of the European Parliament and of the Council as of 22 February 1999 on the establishment of a Community list of foods and food ingredients treated with ionizing radiation. In addition, none of the raw materials used for the manufacturing of our products have been treated by irradiation.

This is to further certify that our carrageenan products are fit for human consumption with regard to the level of radioactivity.

This certification is issued today, 3rd day of January, 2024 in Carmen, Cebu, Philippines for whatever purpose this may serve.



Ma. Dahlia T. Salazar
QA Dept. Head

COMPOSITION STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is 100% of the named substance. No fillers, solvents, carriers or other non-active components have been added.

11529-01 CARRAGEENAN SI-100 - SHEMBERG



TILLEY
DISTRIBUTION

Issue Date: September 13, 2024
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Revision Date: June 25, 2024
Revision #: 0

SEWAGE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is free from sewage contaminants.

11529-01 CARRAGEENAN SI-100 - SHEMBERG



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DISTRIBUTION

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Revision #: 0

WORLD ANTI-DOPING AGENCY STATEMENT

Tilley Distribution certifies to the best of our knowledge that this product does not contain any ingredients on the World Anti-Doping Agency (WADA) list of prohibited substances, NFL/NFLPA Banned Substances List or Annex A of NSF306 – Certification Guidelines for Athletic Banned Substances.

Additionally, the manufacturing plant/warehouse does not use or store any materials on the WADA list of prohibited substances; NFL/NFLPA banned Substances List or Annex A of NSF306-Certification Guidelines for Athletic Banned Substances.

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DISTRIBUTION

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Revision Date: August 6, 2024
Revision #: 0

WHOLE FOODS COMPLIANCE STATEMENT

Tilley Distribution certifies to the best of our knowledge that this product is compliant to current Whole Foods guidelines.

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DISTRIBUTION

Issue Date: September 13, 2024
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Revision Date: August 21, 2024
Revision #: 0

ANIMAL STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain any animal ingredients, nor is it derived from animal sources.

11529-01 CARRAGEENAN SI-100 - SHEMBERG



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
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Revision Date: July 1, 2024
Revision #: 0

ETHYLENE OXIDE STATEMENT

UNITED STATES 40 CFR 180.151

Tilley Distribution certifies to the best of our knowledge that the following product has not been treated with Ethylene Oxide (ETO) and therefore does not contain residues of Ethylene Oxide or its reaction products, Ethylene Chlorohydrin and Ethylene Glycol.

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IRRADIATION STATEMENT

21 CFR PART 179

Tilley Distribution certifies to the best of our knowledge that the following product has not been irradiated.

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NON-GMO / BE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is in accordance with Regulation (EC) No 1829/2003, (EC) No 1830/2003 and Directive No (EC) 18/2001, promulgated by the European Parliament and the Council of the European Union, and does not contain any genetically modified organisms as defined by these Regulations.

In addition, this product does not contain any bioengineered components as defined in 7 CFR 66 by the United States Department of Agriculture (USDA).

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Revision #: 0

NATURAL STATEMENT

UNITED STATES 21 CFR 101.22

Tilley Distribution certifies to the best of our knowledge that the following product does not contain any artificial flavor or artificial flavoring as defined by the Regulation.

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CALIFORNIA PROPOSITION 65 STATEMENT
SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

Tilley Distribution certifies to the best of our knowledge that the following product does not contain any components listed on California Proposition 65.

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READY-TO-EAT FOOD (RTE FOOD) STATEMENT

UNITED STATES 21 CFR 117.3

Tilley Distribution certifies to the best of our knowledge that the following product is safe for human consumption at appropriate intended use levels in ready-to-eat (RTE food) applications without further processing required.

Ready-to-eat food (RTE food) is defined as *“any food that is normally eaten in its raw state or any other food, including a processed food, for which it is reasonably foreseeable that the food will be eaten without further processing that would significantly minimize biological hazards”*.

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BOVINE SPONGIFORM ENCEPHALOPATHY STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain and is not derived from specified risk materials as defined in the final European Union Commission Decision on the “Prohibition of the use of materials presenting risks as regards to transmissible spongiform encephalopathies”, effective January 1998 or as defined by the United States Food and Drug Administration in 21 CFR 700.27.

11529-01 CARRAGEENAN SI-100 - SHERBERG

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