DairyMax™ Warm Orange 022 WSS

Product Information

Version: 4 PI US EN 11-01-2017

Description

DairyMax™ Warm Orange 022 WSS is an orange to red viscous liquid of nature identical ß-carotene produced by synthesis. The principle component is all trans ß-carotene.

Packaging

Material No:	Size	Type
715238	15 kg	Container

Physical Properties

Color:	Orange to red
Form:	Liquid
Solubility:	Water soluble suspension

Application

Usage

Dairy and dairy alternatives.

Please consult Chapter 21 of the CFR for current legislation, as restrictions within specific food applications may apply. Legislations are not globally harmonized, therefore it is advised to consult regulations for the intended market against final application.

Light orange to dark orange hue in the final product, depending on the food product, processing and the quantity used.

Directions for use

Shake the product before use, as components may settle during storage. Can be added directly to the food product while stirring.

Storage and handling

Temperature:	4 - 8 °C / 39 - 46 °F
Conditions:	Cool, Dry, Protect from light

Refrigerated transport, 4-8˚C. Ambient allowed 1 Nov – 31 March within Europe (excl. Spain, Portugal, South Italy, Greece and Turkey) provided max 7 days transition time.

Shelf life

365 days in unopened containers at the recommended storage temperature.

Technical Data

Color strength:	Beta-carotene: 1.9 - 2.1%

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pH:	6.00 - 8.00 (direct in liquid)
Specific gravity:	1.00 - 1.30
Odor:	No characteristic odor

Microbiological Data

Microbiological Quality:	
Aerobic Viable Count	≤ 1000 cfu/g
Yeasts and Moulds	≤ 100 cfu/g
Enterobacteriaceae	≤ 10 cfu/g
Aerobic mesophilic spores	≤ 100 cfu/g
Sulphite reducing bacteria spores	≤ 10 cfu/g
E. coli	Absent in 1 g
S. aureus	Absent in 1 g
Salmonella	Absent in 25 g
Listeria	Absent in 25 g

Legislation
This color is in full compliance with 21 CFR Part 73.95 and is approved for use in food. It is exempt from certification.

Ingredients
Sucrose, water, sodium chloride, calcium caseinate, sunflower oil, beta-carotene, natural tocopherol, lecithin, and DL-alpha tocopherol

Labeling
Labeling of this product for the ingredient statement should be according to the FDA regulations, 21CFR 101.22. For example: beta-carotene (color); colored with beta-carotene; color added.

Country of Origin
Denmark

California Proposition 65
Chr. Hansen colors comply with the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 known as Proposition 65. This product does not contain levels of contaminants or by-products that require a warning label.

Dietary status

Kosher:	Kosher Dairy Excl. Passover
Halal:	Certified
Vegetarian:	Yes

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Technical support	Chr. Hansen's Application and Product Development Laboratories and personnel are available if you need further information.
Additional Information	Ingredient Clarification: Sucrose is Sugar, Beta-Carotene is Nature Identical, and Lecithin is from Sunflower.

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