



Product Code	K0102
Product Name	Carotene, Concentrate
Alcohol Status	O&3 can confirm that Carotene, Concentrate is free of Alcohol.
Animal Testing	O&3 can confirm that Carotene, Concentrate has not been Animal Tested for cosmetic purposes by or on behalf of the company, nor has any of its component parts named in the International Cosmetic Ingredient Dictionary & Handbook (11th Edition), 31st December 1990.
BSE/TSE Status	O&3 can confirm that Carotene, Concentrate is not derived from Animal Origin, therefore a BSE/TSE statement is not applicable.
Calif Proposition 65	O&3 can confirm to their best of their knowledge that Carotene, Concentrate is not suitable for food, however is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009). Food grades are available on request.
CAS Number	Not Listed.
Chloramphenicol Residue	O&3 can confirm that Carotene, Concentrate is free from Chloramphenicol residues.
CITES Status	O&3 can confirm that Carotene, Concentrate is not endangered & therefore not applicable for CITES certification.
Classification, Labelling & Packaging (CLP)	O&3 can confirm that Carotene, Concentrate complies with Regulation (EC) no 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).
CMR Status	O&3 can confirm that Carotene, Concentrate is not classified as carcinogenic, mutagenic or toxic according to regulation 1272/2008.
Cosmetic Status	O&3 can confirm that Carotene, Concentrate is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).
Customs Tariff Code	3203 00 10 00
EINCS Number	Not Listed.
Ethylene Oxide Status	O&3 can confirm that Ethylene Oxide is not being used in production process of Carotene, Concentrate.
Food Allergen Statement	O&3 can confirm this product does not contain food allergens as per EU Regulation 1169/2011.
Food Status	O&3 can confirm that Carotene, Concentrate is suitable for food, only when the appropriate quantities/dilution are used. This material complies with European Food Regulations, i.e. 2023/915. However before consuming or formulating a food item using this ingredient, we insist you email our Technical Team before doing so for our opinion on the dilution applied to your finished product.
Functionality	Antioxidant, Skin Brightening
Gluten Free	O&3 can confirm that Carotene, Concentrate is not derived from, neither does it contain any Gluten ingredients.
Gluten Free Statement	O&3 can confirm that Carotene, Concentrate is not derived from, neither does it contain any Gluten ingredients.
GMO (IP) Status	O&3 can confirm that Carotene, Concentrate is not derived/produced from a raw material that has been genetically modified.
HACCP & GMP Statement	O&3 can confirm that Carotene, Concentrate has been produced under Good Manufacturing Practices (GMP) and a HACCP system. O&3 is BRC certified.
Hair Benefits	Carotene Concentrate is a highly concentrated form of carotenoids, which are natural pigments found in various fruits and vegetables. While carotene is primarily associated with skin benefits, it can also contribute to hair health. Carotene provides antioxidant protection to the hair, promoting overall hair and scalp health. Incorporate Carotene Concentrate into your hair care routine to support healthy hair growth and maintain a nourished scalp.

The attached information is considered to be correct. Please be aware that detail can change and we encourage clients to update their technical records regularly via www.oand3.com/products/.

The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. It is the ultimate responsibility of the client to pre-approve & assess the safety and suitability of the listed ingredient before use in any final formulations. We encourage carrying out additional tests if necessary. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

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INCI Listing	Dunaliella Salina Extract, Helianthus Annus Seed Oil, Tocopherol
Irradiation Status	O&3 can confirm that Carotene, Concentrate has not been irradiated at any stage of production.
Karanal Status	O&3 can confirm that Carotene, Concentrate is free from Karanal.
Key Essential Fatty Acid Compounds	
Kosher	O&3 can confirm that Carotene, Concentrate is not Kosher Certified.
Leaping Bunny	O&3 can confirm that Carotene, Concentrate complies with the criteria of the Humane Cosmetics Standard & has not been tested or re-tested on animals for cosmetic purposes by or on behalf of O&3.
Manufacturing Method	Blended
Methyl Salicylate Status	O&3 can confirm that Carotene, Concentrate is free from Methyl Salicylate.
Microbiological & PAH Status & Heavy Metals & Pesticides	O&3 can confirm that Carotene, Concentrate does not have a micro specification because the product was sterilized in the production process. We can confirm that there is no detectable amounts of pesticides. It is produced from natural raw material and complies within the limits of the oil-related requirements of European Regulation 2023/915 regarding heavy metals, dioxins, dioxin-like PCBs, Benzo-a-pyrene & PAH.
Mycotoxins Status	O&3 can confirm that Carotene, Concentrate is compliant with the requirements of the Regulation (EC) N° 2023/915. We can confirm this product is free from: Aflatoxins, Ergot alkaloids, Patulin, Alternaria toxins, Ochratoxin A, Fusarium toxins.
Nagoya Protocol	O&3 can confirm that this material does not fall into the scope of EU ABS Regulation (EU) No 511/2014 (also known as the Nagoya Protocol).
Nanomaterials Status	O&3 can confirm with reference to Carotene, Concentrate that no Nanomaterials were added at any stage of the manufacturing/production process, in accordance with EU Cosmetics Regulation.
Organic	Not applicable to this grade of product. Organic versions are available on request, please see our Organic category.
Palm Status	O&3 can confirm that palm oil has not been used in the process of manufacturing Carotene, Concentrate.
Parabens Status	O&3 can confirm that Carotene, Concentrate is free from Parabens.
Product Page Intro	Introducing Carotene, Concentrate, a wonder ingredient for amazing results! Carotenoids are known for their vibrant red, orange, and yellow colours and play essential roles in photosynthesis and other physiological processes in plants. These compounds are also valued for their potential health benefits in humans. Carotenoids are often incorporated into various cosmetic products, including sunscreen, moisturisers, serums, and face masks. The antioxidant properties help counteract oxidative stress and free radical damage, which can contribute to skin aging, wrinkles, and loss of elasticity, as well as promoting overall skin health. Carotenoids can also contribute to skin brightening and may help even out skin tone. They can enhance the natural radiance of the skin, potentially reducing the appearance of age spots and blemishes. Contact us today for a quote or order a sample and elevate your products with Carotene, Concentrate.
Product Status	Pure & Natural.
Pyrrolizidine Alkaloids Status	O&3 can confirm that Carotene, Concentrate is free from any Pyrrolizidine Alkaloids.
REACH Status	O&3 can confirm that Carotene, Concentrate supplied is exempt as per Annex IV & V according to EU regulations 1907/2006. This product is not chemically modified, it comes under derogation pursuant to EU regulation 987/2008, Annex II, #9. Hence registration is not required for this product. We can also confirm that none of the substances on the SVHC candidate list can be verified in a concentration of >0.1% in our product.
Residual Solvents	O&3 can confirm that no solvents or preservatives we used in the production of Carotene, Concentrate

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Skin Benefits	Carotene Concentrate provides a vibrant orange color to food products, beverages, and cosmetics. It is used as a natural colorant to enhance the visual appeal of formulations. Incorporate Carotene Concentrate for its coloring properties.
SVHC (Substances of Very High Concern) & Impurities Status	O&3 can confirm that Carotene, Concentrate is free from of SVHC and any impurities.
Vegan	O&3 can confirm that Carotene, Concentrate is suitable for Vegans.
Natural Index	1
Natural Content	100%

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