EVTene™

Natural Plant-Derived

Color





Description & Introduction

EVTene™ natural mixed-carotene complex is a reddish vegetable oil concentrate of natural occurring mixture of carotenes (predominantly beta- and alpha-carotene), extracted from NON-GMO & Sustainable Malaysian Palm Fruit Oil.

Both alpha-carotene and beta-carotene are both important as precursors for vitamin A. The carotene composition of EVTene™ is similar to natural carotene mixture in carrots.

Benefits of adding EVTene™ into food & drinks

- Meets the "Natural" trend to replace the use of synthetic colorant
- Provides fresh and bright yellow and orange hue into the food products
- In endemic areas, addition of EVTene™ in food product helps combat vitamin A deficiency and hence reduces risk of contracting diseases associated with the deficiency
- It is a natural antioxidant to reduce oxidative stress
- Research has shown natural carotenoids can support eye health and skin health

Specifications

	EVTene™ 8%, Oil Concentrate
Total Mixed-Carotene Complex	80 mg/g Minimum
Alpha-Carotene	Typically 26 mg/g
Beta-Carotene	Typically 54 mg/g
Retinol Activity Equivalence (RAE)	27,000 mcg RAE/g Minimum
Vitamin A Activity	96,000 IU/g Minimum
Total Vitamin E (Tocotrienols & alpha-tocopherol)	Typically 10 mg/g
Shelf Life	36 months
Standards	Palm Mixed-carotene complies with Commission Regulation (EU) No. 231/2012: E160a(ii) - Plant Carotenes. Palm mixed-carotene complex is Self-Affirmed GRAS according to Title 21 Code of Federal Regulation for use in Foods and Drinks.

(Please contact us for full technical specification, info@excelvite.com)



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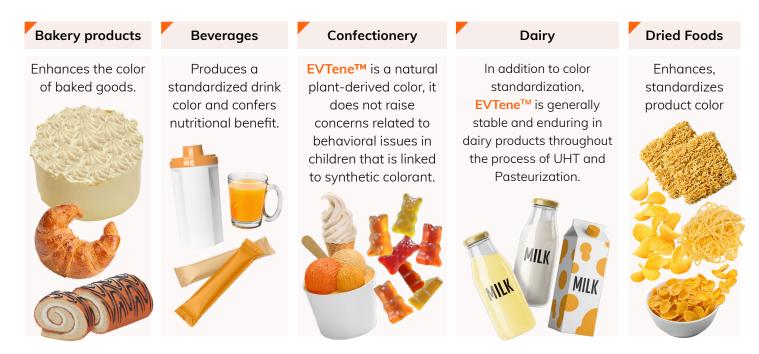
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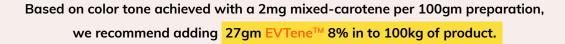
Applications

EVTene™ 8% is a pure natural food colorant and also a nutritional additive for use in Bakery, Beverage, Confectionery, Dairy and Dry Grocery products; to produce attractive, vibrant colors with enhanced nutritional and antioxidant benefits.



Dosage Recommendation

[for products such as **spreads**, **bread filling cream**, **RTD juices**]





Color shades reference with different doses of mixed-carotene

The image above is a general dosing guide based on desired color effect to achieve. Users are advised to modify and fine tune the dosage according to expected color output and application of their finished products.

