



## Mixed-Carotene

(beta-carotene & alpha-carotene)

Human Doesn't Make Carotenes. We have to obtain them form fruits and vegetables.

Carotenoids such as Beta-Carotene, Alpha-Carotene are pigments produced by fruits & vegetables for two major functions:

- 1. Photoprotective Properties
- 2. Light-Harvesting Pigments





## Why Carotenes are Important for Human?

- 1. Natural Color for Fo<mark>ods</mark>
- 2. Source of Vitamin A Example of Pro-Vit. A: β-Carotene, α-carotene etc.
- 3. Antioxidants

## **Commercial Sources of Carotenes** & Their Profile **β-Carotene** α-Carotene

Synthetic **β-Carotene** 

**Fermentative β-Carotene** 

Algae **β-Carotene** 

**Plant-Derived** Carotenes or Mixed-Carotene i.e. Carrot & Palm

~5% ~95%

0% 100%

100%

~33% ~66%

## **Beneficial Health Effects\***

**Skin Health\*** 





**Eye Health\*** 

**Immune** Enhancement\*





Your Plant Carotenes for Natural Color & Good Health.

The only true mixed carotene (similar to carrot carotenoids composition) in the market.