



# Vibrant shades

## Versatile performance

Deliver bright yellow shades in food and beverages with EXBERRY® Carotenes

The EXBERRY® Carotene range can provide exceptional results across a vast array of applications. Made from the eco-friendly saltwater algae *Dunaliella Salina*, these highly versatile natural colors offer high-intensity yellow and orange shades while keeping cost in use low. EXBERRY® Carotenes are providing exciting new options for our plant-based, sustainable color portfolio by expanding our yellow and orange range.

EXBERRY® Carotenes are available in different product formats to suit different project requirements. EXBERRY® Yellow Carotene – Liquid and EXBERRY® Yellow Carotene – Powder can be used in most applications including beverages, dairy, confectionery, snacks, cereals and fruit preps.

EXBERRY® Yellow Carotene – OS is an oil-soluble color, designed for use in fat-based applications such as oil coatings for snacks, sauces and mayonnaise, baked goods, powdered cheese sauces and decorative coatings



### **Why choose EXBERRY®?**

EXBERRY® Carotenes are premium quality natural colors with added value:

- Made out of the algae *Dunaliella Salina*
- Extraction done via essential oils rather than solvents such as acetone and ethanol
- Customers receive support every step of the way during product development, including color matching, stability testing, and regulatory guidance
- Small pack sizes available
- Traceable raw materials and strong sustainability credentials

**EXBERRY® CAROTENES  
ARE AVAILABLE IN  
POWDER, LIQUID  
& OIL-SOLUBLE LIQUID**

**EXBERRY®**

Yellow  
Carotene

**EXBERRY®**

Yellow Carotene  
– Powder

**EXBERRY®**

Yellow  
Carotene OS

<b>Label description (EU)</b>	"Color: Algal Carotenes" / "Color: E 160a(iv)" / "Color: E 160a" / "Color: Carotenes"		
<b>Raw materials</b>	Algal Carotene	Algal Carotene	Algal Carotene
<b>Solubility</b>	Water dispersible, liquid emulsion	Water dispersible, powdered emulsion	Oil suspension
<b>Stability Light</b>	Excellent*	Excellent*	Excellent*
<b>Stability Heat</b>	Excellent	Excellent	Excellent

\* stability enhanced with ascorbic acid





### **Why choose carotenes?**

Algae carotenes are plant-based, natural colors with multiple benefits:

- Low cost in use
- Low dosage
- No flavor impact
- No hydrocolloids required in beverages
- Excellent versatility
- Natural source and production

### **What makes them sustainable?**

EXBERRY® Carotenes are made from sustainable saltwater algae using eco-friendly methods:

- Growing *Dunaliella Salina* serves as a carbon sink
- Production has no impact on biodiversity and algal biomass is returned to the lake after harvesting
- Farming process requires only saltwater and no pesticides are used
- Production requires minimal physical labor with negligible health and safety risks

### **Get in touch now**

To find out how EXBERRY® Carotenes can support your project requirements, contact your local GNT representative or affiliate today.

**GNT Group B.V.**  
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