

TECHNICAL DATA SHEET

Zeaxanthin Beadlets

5% GF OUHC

Chemical Properties

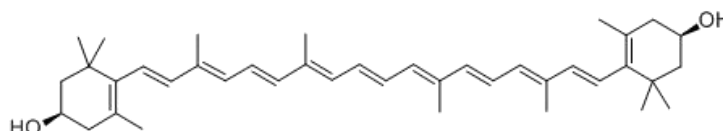
CAS Number: 144-68-3

Chemical Formula: C₄₀H₅₆O₂

Molecule Weight: 568.88

Botanical Latin Name: *Tagetes erecta* L.

Plant Part: Marigold flower



Description

Zeaxanthin is one of the most common carotenoid alcohols found in nature. It is important in the xanthophyll cycle. Beadlet series products are made by processing of crushing and beadlet forming technology. This product is gelatin-free (GF).

Solubility

Partially soluble in water.

Specification

Item	Specification	Test Method
Appearance	Nacarat beadlets	Visual
Zeaxanthin content	Min 5.0%	HPLC
Loss on drying	Max 5.0%	GB 5009.3
Density	0.45-0.75g/ml	In-house
Particle size	100% pass through sieve No. 20	In-house
	Min 85% pass through sieve No. 40 Max 15% pass through sieve No. 100	
Lead (Pb)	Max 1.0ppm	GB 5009.12
Arsenic (As)	Max 1.0ppm	GB 5009.11
Cadmium (Cd)	Max 1.0ppm	GB 5009.15
Mercury (Hg)	Max 0.1ppm	GB 5009.17
Total plate count	Max 1000cfu/g	GB 4789.2
Yeasts and molds	Max 100cfu/g	GB 4789.15
<i>E. Coil</i>	Negative/g	GB 4789.38
<i>Salmonella</i>	Negative/25g	GB 4789.4
<i>Staphylococcus aureus</i>	Negative/g	GB 4789.10

Ingredients

Zeaxanthin 5.5-6.0%, white sugar 25.0-30.0%, ascorbyl palmitate 0.5-3.5%, corn starch 18.0-27.0%, sodium starch octenyl succinate 30.0-47.0%. (O is short for sodium starch octenyl succinate, U is short for sugar, H is short for corn starch, C is short for ascorbyl palmitate)

Labeling

In the United States and the European Union: Zeaxanthin Beadlets

Applications

It is suitable for tablets and hard capsules.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly.

Packaging, Storage & Shelf Life

Package	1kg, 5kg per vacuum aluminum foil bag; or according to customers' requirements.
Storage	Store in a cool and dry place, protected from light, heat and oxygen.
Shelf Life	2 years in the original package under recommend storage condition. It is recommended to use the entire content after opening.