

TECHNICAL DATA SHEET

Zeaxanthin Oil Suspension

20% Y

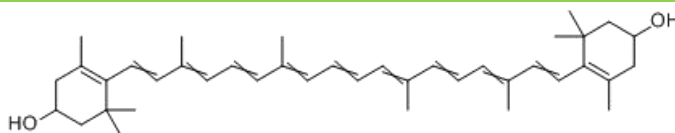
Chemical Properties

CAS No: 144-68-3;

EINECS No.: 205-636-4

Chemical Formula: C₄₀H₅₆O₂

Molecular Weight: 568.88



Description

Zeaxanthin is one of the most common carotenoid alcohols found in nature. It is important in the xanthophyll cycle. The product is extracted from the natural Marigold flower.

Solubility

It is soluble in plant oil, insoluble in water.

Specification

Item	Specification	Test Method
Appearance	Orange-red oily suspension free of foreign matter	Visual
Identification	Positive	In-house
Zeaxanthin (dried base)	Min 20.0%	HPLC
Loss on drying	Max 5.0%	In-house
Heavy metals (As Pb)	Max 3 ppm	In-house
Arsenic	Max 3 ppm	In-house
Total Plate Count	Max 1000cfu/g	In-house
Yeasts & Molds	Max 100cfu/g	In-house
<i>E. Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Zeaxanthin 20%, vegetable oil 80%. (Y is short for vegetable oil)

Labeling

In the United States and the European Union: Zeaxanthin Oil Suspension

Functions

1). Promoting the healthy of eye and skin through reducing the risk of macular degeneration, supporting normal eye functions and protecting the retina by blocking harmful blue light.



- 2).Eliminating free-radicals, protecting human body from harm, improving immunity, protecting skin from the harmful solar ray.
- 3).Preventing cardiopathy and cancer.
- 4).Resisting arteriosclerosis.

Applications

Application field: infant formula milk powder, drinks, pharmaceutical field, health food.

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

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

Packaging, Storage &Shelf Life

Package	20kg/drum;or according to customers' requirements.
Storage	Store in a cool and dry place, protected from light, heat and oxygen.
Shelf Life	1 year if sealed and stored properly.