

TECHNICAL DATA SHEET

Zeaxanthin Powder

10% M

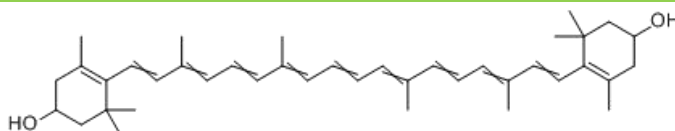
Chemical Properties

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	Nacarat powder	Visual
Zeaxanthin	Min 10.0%	HPLC
Loss on drying	Max 5.0%	In-house
Ash	Max 2.0%	In-house
Solvents Residue	Conforms to the USP standard	USP
Heavy metals	Max 10 ppm	In-house
Lead	Max 3 ppm	In-house
Arsenic	Max 2 ppm	In-house
Total Plate Count	Max 1000 CFU/g	In-house
Yeasts & Molds	Max 100 CFU/g	In-house
<i>E. Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Zeaxanthin 10%, Maltodextrin 90% .(M is short for Maltodextrin)

Labeling

In the United States and the European Union: Zeaxanthin Powder

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

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	5kg/Aluminum foil bag, 25kg/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.