

TECHNICAL DATA SHEET

Tagetes Erecta PE

Chemical Properties

Used part: Flower petal

Description

Marigold belongs to compositae family and *tagetes erecta*. It is an annual herb, the flowering period is from August to September. It is originating in Mexico. In china, widely planted in Heilungkiang, Jilin, Inner Mongolia, Shanxi, Yunnan, etc. We have established the good relationship with customers all over the world, mainly from USA, Europe, Southeast Asia etc.

Solubility

It is soluble in plant oil, insoluble in water.

Specification

Item	Specification	Test Method
Appearance	Nacarat powder	Visual
Zeaxanthin	Min 40.0%	HPLC
Lutein	Result will be reported in COA	HPLC
Loss on drying	Max 5.0%	In-house
Ash	Max 2.0%	In-house
Particle size	Min 98% through 40 mesh	In-house
Heavy metals	Max 10 ppm	In-house
Lead	Max 3.0 ppm	In-house
Arsenic	Max 2.0 ppm	In-house
Cadmium	Max 1.0 ppm	In-house
Mercury	Max 0.1 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 40%, Maltodextrin 60%. (M is short for Maltodextrin)

Labeling

In the United States and the European Union: Tagetes Erecta PE

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	2 years if sealed and stored properly.