

TECHNICAL DATA SHEET

Lutision™ Lutein Beadlet

5% CWS MSTd

Chemical Properties

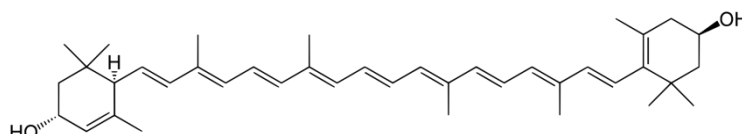
CAS No: 127-40-2;

EINECS No.: 204-840-0

INCI name: Xanthophyll

Chemical Formula: C₄₀H₅₆O₂

Molecular Weight: 568.88



Description

Beadlet series products are made from high purity lutein, zeaxanthin and lutein ester extracted from marigold flowers by processing of crushing and beadlet forming technology. The microencapsulation beadlet are manufactured by advanced spray cooling and starch-catching drying technology. It is suitable for tablets and hard capsules.

Solubility

It can be dispersed in water.

Specification

Item	Specification	Test Method
Appearance	Orange microcapsulated powder	Visual
Lutein	Min 5.0%	HPLC
Loss on drying	Max 5.0%	GB 5009.3
Total heavy metals (As Pb)	Max 10.0ppm	GB 5009.74
Arsenic	Max 3.0ppm	GB/T 5009.11
Total plate count	Max 1000cfu/g	GB 4789.2
Yeasts and molds	Max 100cfu/g	GB 4789.15
Pathogenic bacteria	Negative	GB 29921

Ingredients

An average comprises Lutein 5.0%, other carotenoids 1%, moisture 5%, Maltodextrin 49%, Starch 38%, Vitamin C 1%, Vitamin E 1%. (M is short for Maltodextrin, S is short for Starch, T is short for Vitamin E, d is short for Vitamin C)

Labeling

In the United States and the European Union: Lutein

Applications

As a coloring agent and a nutrient for food such as fast food, baking food, drink, jelly, confectionery and dairy products.

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

It should be protected from light, heat, oxygen and moisture. Keep the container tightly closed. Once opened, use contents quickly.

Packaging, Storage & Shelf Life

Package	1kg, 5kg per vacuum aluminum foil bag; or according to customers' requirements.
Storage	Stored with room temperature and without sunlight, frozen will be better.
Shelf Life	2 years if sealed and stored properly.