

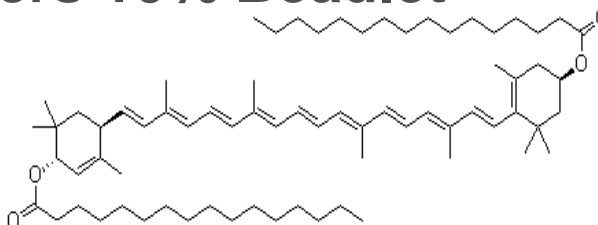
## SPECIFICATION SHEET

# Lutision™ Lutein Esters 10% Beadlet

Chemical Formula:  $C_{72}H_{116}O_4$

CAS: 547-17-1

Molecular Weight: 1045.69



## GENERAL CHARACTERISTICS

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.
Appearance	Powder
Color	Dark orange

## ANALYTICAL CHARACTERISTICS

Lutein Esters (HPLC)	Min 10.0%
Loss on drying	Max 5.0%
Ash	Max 5.0%
Particle size	100% through 80 mesh
Bulk Density	0.4~0.6g/ml
Heavy metals	Max 10.0ppm
Lead	Max 3.0ppm
Arsenic	Max 1.0ppm
Mercury	Max 0.1 ppm
Cadmium	Max 1.0 ppm

## MICROBIAL CHARACTERISTICS

Total plate count	Max 1000 CFU/g
Yeasts and molds	Max 100 CFU/g
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative



## **INGREDIENTS**

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Obtained by Lutein and Dextrin

## **LABELING**

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In the United States and the European Union: Lutision™ Lutein Esters 10% beadlet

## **USES RECOMMENDATIONS**

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

## **HANDING RECOMMENDATIONS**

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Stored with room temperature and without sunlight, frozen will be better. After opening please use it immediatly, if not please pack it in vaccum.

## **PACKING&SHELF LIFE**

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Package 1kg/vacuum package, 25kg/drum.

Shelf life 18 months if sealed and stored properly. After opening please use it immediately.