

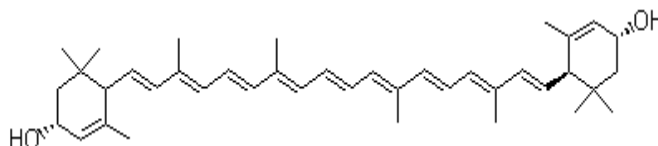
## SPECIFICATION SHEET

# Lutision™ Lutein 5% CWS Powder

Chemical Formula: C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>

CAS: 127-40-2

Molecular Weight: 568.87



## GENERAL CHARACTERISTICS

Description	Micro-capsule series products are made from high purity lutein, zeaxanthin and lutein ester by crushing and coating technology into carbohydrate uniformly with proper dosage of antioxidants (Vitamin C and Vitamin E). These products have high anti-pressure ability and are mainly used to produce healthcare products in tablet and hard capsule form.
Appearance	Free-flowing powder
Color	Orange red

## ANALYTICAL CHARACTERISTICS

Trans-Lutein	Min 5.0%
Loss on dry	Max 5.0%
Bulk Density	0.35~0.70 g/ml
Particle size	NLT 95% through 80 mesh
Lead	Max 1.0ppm
Arsenic	Max 1.0ppm
Cadmium	Max 1.0ppm
Mercury	Max 0.1ppm

## MICROBIAL CHARACTERISTICS

Total plate count	Max 1000 CFU/g
Yeasts and molds	Max 100 CFU/g
Coliform	Max 10 CFU/g



<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative/25g
<i>Staphylococcus aureus</i>	Negative/g

## **INGREDIENT SHEET**

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Contain: Lutein: 5.0%, Dextrin: 93%, Natural Carotenoid: 2%.

## **LABELING**

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In the United States and the European Union: Lutision™ Lutein 5% CWS Powder

## **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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Store in a dry and cool place, protected from light, heat and oxygen. The preferred storage temperature is below 30°C.

## **PACKING&SHELF LIFE**

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Package	1kg/bag or 5kg/bag,25kg/drum
Shelf life	2 years if sealed and stored properly.