

## SPECIFICATION SHEET

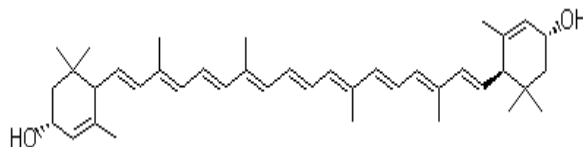
# Lutision™ Lutein 20% Oil

Chemical Formula:  $C_{40}H_{56}O_2$

CAS Number: 127-40-2

Molecule Weight: 568.87

Plant used: Marigoldflower



## GENERAL CHARACTERISTICS

Appearance	Viscous Oil
Color	Orange-yellow or red yellow

## ANALYTICAL CHARACTERISTICS

Lutein (HPLC)	Min 20.0%
Loss on drying	Max 1.0%
Heavy metals	Max 10.0ppm
Lead	Max 3.0ppm
Arsenic	Max 1.0ppm
Cadmium	Max 1.0ppm
Mercury	Max 0.1ppm
Total Solvent residuals	Max 50ppm
N-hexane	Max 25ppm

## MICROBIAL CHARACTERISTICS

Total plate count	Max 1000 CFU/g
Total yeast & mold	Max 100 CFU/g
Coliforms	Max 10CFU/g
<i>E. Coli.</i>	Negative
<i>Salmonella</i>	Negative
<i>Staphylococcus aureus</i>	Negative

## PACKING&SHELF LIFE

<b>Package</b>	5kg/20kg in plastic drums, 10kg medicinal aluminum can or according to customer's requirements.
<b>Storage</b>	Store in a well-closed container away from moisture and direct sunlight.
<b>Shelf life</b>	12 months if sealed and stored properly.