

Lutein 20
Vegetable lutein from marigold flowers

Description:

“Lutein 20” is an extract of vegetable lutein from marigold flowers (*Tagetes erecta*).

“Lutein 20” is crystalline lutein suspended in sunflower oil.

“Lutein 20” passes the purity standards of Directive 95/45/EC for food colorant E161b.

General Characteristics:

Appearance:	Orange thick liquid	
Odour:	Slightly floral	
Ingredients:	Total Lutein:	20%
	Refined sunflower oil	
Specific Gravity (25°C):	1.3	
Refractive index (25°C):	0.924	
Boiling point:	130°C	
Solubility:	Soluble in oil	
Residual Solvents:	< 50 ppm	
Heavy metals (pb) :	<10 ppm	
Microbiological tests (cfu/g): (EP, RD 3177/83)	<i>E. Coli:</i>	None/g
	<i>Salmonella:</i>	None/10 g
	<i>Lysteria Monocytogenes:</i>	None/10 g
	<i>Shigella:</i>	None/10 g
	<i>Clostridium Perfringens:</i>	None/g
	<i>Staphylococcus Aureus:</i>	None/g
	<i>Enterobacteriaceae:</i>	max. 100/g
	<i>Total Aerobic Count:</i>	max. 1000/g
	<i>Yeast & Moulds:</i>	max. 100/g
Irradiation:	This product has not been irradiated	

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*Vegetable lutein from marigold flowers***Storage:**

Use airtight containers. Store under Nitrogen atmosphere in a dry place protected from light. Shake lutein 20% liquid suspension before use to insure total homogeneity.

Shelf Life:

12 months at least from packaging date (unopened).

Other information:

All orders and samples requested will be sent together with an Analysis Certificate. Material Safety data Sheet is available upon request.

Contact us through our Fax: +34 925 851021; Tel: +34 925 851013; e-mail: quality@vitaenaturals.com or through our web-site at: www.vitaenaturals.com and your request will be attended by our local representative.

All information contained here is intended to be accurate. Anyway, this document is provided for your guidance only. We recommend testing the product for your particular purpose, prior to be used in the industrial process.