



GUANGZHOU LEADER BIO-TECHNOLOGY CO., LTD.

No. 200, Guan Yuan Rd., Tian He Dist., Guangzhou, China, 510500

Ph: 86-20-87244121 Fax: 86-20-87226336 www.leadergz.com

Leader[®] YELLOW LIQUID

(15g xanthophylls per kg)

Description

Leader[®] Yellow liquid is a stabilized source of yellow carotenoid (trans-lutein /zeaxanthin), extracted from marigold flower. It contains 15g/kg xanthophylls with about 5% zeaxanthin, which helps bring more orange color to broiler skin. It is recommended as an effective natural yellow pigment to enhance the color of egg yolk, broiler skin and shanks.

Advantages

- Simple natural yellow carotenoids, safety and credibility
- High quality antioxidant, stabilization technology.
- High technology of saponification and special emulsification increases the utilization of xanthophylls
- Watersoluble yellow liquid for good mixing and uniformity pigmentation

Recommended Usage

For carcass color and shank skin: 700-4000g/t;

For hen's egg yolk: 500-3500g/t;

For aquaculture: 700-4000g/t.

Packaging

1 Ton / Drum (IBC) or TANK

Storage & Shelf Life

Sealed and stored well under 18 °C. Keep away from direct sunlight and high temperature. The original packing have a shelf life of approximately 18 months if stored under the conditions specified.

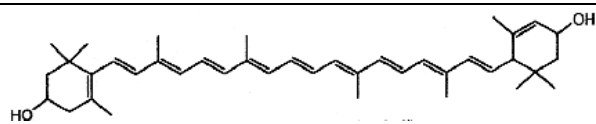


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Specification

Chemical formular	 (C ₄₀ H ₅₆ O ₂)	
Molecular weight	568	
Items of test	Leader Yellow Liquid	Method
Character	Watersoluble yellow liquid	ND
Xanthophylls content	> 15g/kg	UV
Zeaxanthin content	>0.75g/kg	HPLC
Water	898.8g/kg	GB-T 6283-2008
Saponification	> 95%	GB/T 18970-2003
Heavy metals (Pb) and other	< 0.002 ppb	Atomic Absorption Spectrophotometry
Absorbance (A _{474nm})	0.47	Spectrophotometer
	Free from Sudan	/

Note: This product can replace the yellow synthetic carotenoid, Apo-ester 10% (100 g/kg, pellet), (beta-apo-8'-carotenoic acid-ethylester) performed by visual Color Fan. Regarding the comparison of usage and prices between Leader® Yellow and yellow synthetic carotenoid 10% (Apo-ester 10%), the Leader® Yellow are much more cost-effective. Furthermore, it can also competitive with the natural xanthophylls series of other brands.

Ingredients Sheet

Ingredients	Composition
Xanthophylls	≥1.5%
Water	90%
Emulsifier	8.5%

Note: The data is based on average.

Conclusion: Conformed to GB/T 18970-2003 (Animal Feed Hygiene Standard of the PRC) and the Enterprise Standard / (GZ) LDR03-2008.

Update: 16/04/2019