



FOSHAN LEADER BIO-TECHNOLOGY CO., LTD.
Add: No. 59-2 Datang Industrial Zone, Sanshui Town, Foshan City, China
Tel: 86 20 87244121 Fax: 86 20 87637565 www.leadergz.com

Leader[®] YELLOW

(20g xanthophylls per kg)

Description

Leader[®]Yellow is a dry stabilized source of yellow carotenoid (trans-lutein /zeaxanthin), extracted from marigold flower. It contains 20g/kg xanthophylls with about 5% trans-zeaxanthin, 80% trans-lutein, 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 and vacuum package insure its stability in feeds
- High technology of saponification and special emulsification increases the utilization of xanthophylls
- Spherical granule, free-flowing for good mixing and uniformity pigmentation

Recommended Usage

300-2000g in per ton feed (see details in product brochure)

Packaging

25kg / bag, aluminum foil bag with vacuum packing inside and brown paper packing outer

Storage & Shelf Life

Sealed and stored well between 15-25 °C. Keep away from direct sunlight and high temperature.

The unopened bags have a shelf life of approximately 12 months if stored under the conditions specified.



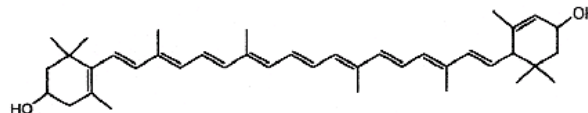
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Specification

Chemical formular	 (C ₄₀ H ₅₆ O ₂)
Molecular weight	568
Items of test	Leader Yellow
Character	Free-flowing yellow powder
Xanthophyll content	> 20g/kg
Antioxidant (BHT)	< 1g/kg
Saponification	> 95%
Particles size	98% < 0.85 μm through standard mesh 20
Drying loss	9.5%
Heavy metals (Pb) and other	< 0.002 ppm
Absorbance (A474 nm)	0.25 – 0.75
	Free from Sudan

Stability Analysis

Time (Month)	3	6	9	12
Remaining (%)	100%	98%	97%	97%
Remark	The data is based on the condition of 25 °C, sealed bag			

Time (Month)	1	3	6
Remaining (%)	99.7%	97.4%	79.8%
Remark	The data is based on the condition of 23 °C, open bag		

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 carotinoid 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.

Update: 07/12/2020