

CERTIFICATE OF ANALYSIS

Product Name	Marigold Extract	Specification	Zeaxanthin liquid in sunflower oil
Batch No	PY-ZE20200822	Analysis Date	Aug.25,2020
Mfg. Date	Aug.22,2020	Exp. Date	Aug.21,2022
Package	5kg/Aluminum Tin	Quantity	1000kg

No.	Item	Specification	Result
1.	Appearance	Orange yellow or red yellow viscous oil	Complies
2.	Assay (by HPLC)	Zeaxanthin $\geq$ 10.0%	10.42%
3.	N-hexane	$\leq$ 50.0mg/kg	<50mg/kg
4.	Heavy Metals	$\leq$ 10ppm	<10ppm
5.	Pb	$\leq$ 3.0ppm	0.08ppm
6.	As	$\leq$ 3.0ppm	0.07ppm
7.	Cd	$\leq$ 1.0ppm	<0.01ppm
8.	Hg	$\leq$ 1.0ppm	<0.01ppm
9.	Total Plate Count	$\leq$ 5,000cfu/g	60cfu/g
10.	Yeasts & Molds	$\leq$ 500cfu/g	20cfu/g
11.	E.Coli	Negative	Negative
12.	Salmonella	Negative	Negative
13.	Staphylococcus aureus	Negative	Negative

Storage: Store with room temperature and without sunlight, frozen will be better.

Others: Please use it immediately after opening.

Conclusion: Conform with the Specification.

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