

CERTIFICATE OF ANALYSIS

Product Name	Zeaxanthin (Marigold Extract)	Latin Name	<i>Tagetes erecta L.</i>
Batch No	PY-ZE20190616	Used Part	Natural marigold flower
Quantity	500KG	Analysis Date	Jun.19,2019
Mfg. Date	Jun.16,2019	Exp. Date	Jun.15,2021

No.	Item	Specification	Result
1.	Appearance	Nacarat fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh sieve	Complies
4.	Assay(by HPLC)	Meso-Zeaxanthin $\geq$ 5.00%	5.15%
5.	Loss on Drying	$\leq$ 5.0%	3.26%
6.	Ash	$\leq$ 5.0%	0.89%
7.	Heavy Metals	$\leq$ 10ppm	<10ppm
8.	Pb	$\leq$ 3ppm	<3ppm
9.	As	$\leq$ 1ppm	<1ppm
10.	Cd	$\leq$ 1ppm	<1ppm
11.	Hg	$\leq$ 0.1ppm	<0.1ppm
12.	Total Plate Count	$\leq$ 1,000cfu/g	Complies
13.	Yeasts & Molds	$\leq$ 100cfu/g	Complies
14.	E.Coli	Negative	Negative
15.	Salmonella	Negative	Negative

Store in a cool, dry place. Sealed and store away from direct sun light. Once open, use up quickly.

Non-GMO, Non-Allergen

Conclusion: Conform with specification.

Analyst: xuli

QC: lixiaochen