

CERTIFICATE OF ANALYSIS

Product Name	Marigold Extract (Lutein)	Latin Name	<i>Tagetes erecta L</i>
Batch No	PY-LU20180922	Used Part	Flower
Quantity	500KG	Analysis Date	Sep.25,2018
Mfg. Date	Sep.22,2018	Exp. Date	Sep.21,2020

No.	Item	Specification	Result
1.	Appearance	Orange beadlets	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	N-Hexane	Complies
4.	Particle Size	NLT 95% pass 40 mesh	Complies
5.	Lutein (By HPLC)	≥5.0%	5.45%
6.	Loss on Drying	≤5.0%	3.24%
7.	Heavy Metals	≤10ppm	<10ppm
8.	Pb	≤2ppm	<2ppm
9.	As	≤1ppm	<1ppm
10.	Cd	≤1ppm	<1ppm
11.	Hg	≤0.1ppm	<0.1ppm
12.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
13.	Yeasts & Molds	≤100cfu/g	<100cfu/g
14.	E.Coli	Negative	Negative
15.	Salmonella	Negative	Negative

Stored with room temperature and without sunlight, frozen will be better. After opening, please use it immediately, if not please pack it in vacuum.

Non-GMO, Non-Allergen

Conclusion: Conform with specification.

Analyst: xuli

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