

CERTIFICATE OF ANALYSIS

Product Name	Zeaxanthin Beadlets	Latin Name	<i>Tagetes erecta L</i>
Batch No	PY-ZE20170210	Used Part	Flower
Quantity	1000KG	Analysis Date	Feb.13,2017
Mfg. Date	Feb.10,2017	Exp. Date	Feb.09,2019

No.	Item	Specification	Result
1.	Appearance	Nacarat powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% Pass 80 mesh	Complies
4.	Extract Solvent	N-hexane	Complies
5.	Assay (by HPLC)	Zeaxanthin≥5%	5.4%
6.	Loss on Drying	≤5.0%	3.08%
7.	Ash	≤5.0%	0.62%
8.	Heavy Metals	≤10ppm	<3ppm
9.	Pb	≤0.5ppm	0.22ppm
10.	As	≤1ppm	0.27ppm
11.	Cd	≤1ppm	<0.01ppm
12.	Hg	≤0.1ppm	<0.01ppm
13.	Solvent Residue	N-hexane≤5ppm	<5ppm
14.	Total Plate Count	≤1,000cfu/g	40cfu/g
15.	Yeasts & Molds	≤100cfu/g	20cfu/g
16.	E.Coli	Negative	Negative
17.	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 vaccum.

Conclusion: Conform with the specification.

Analyst: xuli

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