

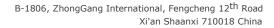
## **CERTIFICATE OF ANALYSIS**

Product Name	Milk Thistle Extract	Latin Name	Silybum marianum (L.) Gae rtn
Batch No	PY-MT20190813	Used Part	Seed
Quantity	1000KG	Analysis Date	Aug.16,2019
Mfg. Date	Aug.13,2019	Exp. Date	Aug.12,2021

No.	Item	Specification	Result
1.	Appearance	Faint yellow or brown amorphous powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh	Complies
4.	The retention time of peak-peak shows in the chromatogram of the solution should conform to that standard solution.		Complies
5.	Extract Solvent	Acetone	Complies
6.	Assay (by UV)	Silymarin≥80.0%	82.2%
7.	Loss on Drying	≤5.0%	3.8%
8.	Residue on Ignition	≤0.5%	0.1%
9.	Heavy Metals	≤10ppm	<10ppm
10.	Pb	≤3ppm	<1ppm
11.	As	≤1ppm	<1ppm
12.	Cd	≤1ppm	<1ppm
13.	Нд	≤0.1ppm	<0.1ppm
14.	Residual Solvents	Hexane≤290ppm Acetone≤5000ppm Ethyl Acetate≤5000ppm Methanol≤3000ppm Ethanol≤5000ppm	Complies Complies Complies Complies Complies
15.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
16.	Yeasts & Molds	≤100cfu/g	<100cfu/g
17.	E.Coli	Negative	Negative
18.	Salmonella	Negative	Negative

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0 $^{\circ}$ C).

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35\*H51cm





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Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Conclusion: Conform with the EP8.0 specification.

Analyst: xuli QC: lixiaochen