

CERTIFICATE OF ANALYSIS

Product Name	Milk Thistle Extract	Latin Name	<i>Silybum marianum (L.) Gaertn</i>
Batch No	PY-MT20190703	Used Part	Seed
Quantity	1000KG	Analysis Date	Jul.06.2019
Mfg. Date	Jul.03.2019	Exp. Date	Jul.02,2021

No.	Item	Specification	Result
1.	Appearance	Faint yellow or brown amorphous powder	Complies
2.	Extract Solvent	Ethanol	Complies
3.	Identification	The retention time of peak-peak which shows in the chromatogram of the solution should conform to that of Standard solution.	Complies
4.	Assay(HPLC)	Silymarin calculated as dried Silybin 30%~65% Silydianin&Silychristin/Silymarin 20%~45% SilybinA&SilybinB/Silymarin 40%~65% IsosilybinA&IsosilybinB/Silymarin 10%~20%	48.6% 26.8% 61.1% 12.1%
5.	Loss on Drying	≤5.0%	4.1%
6.	Residue on Ignition	≤0.5%	0.1%
7.	Heavy Metals	≤10ppm	<10ppm
8.	Pb	≤3ppm	<1ppm
9.	As	≤1ppm	<0.5ppm
10.	Cd	≤1ppm	<0.5ppm
11.	Hg	≤0.1ppm	<0.1ppm
12.	Solvent Residue	N-hexane≤0.029% Acetone≤0.5% Ethyl Acetate≤0.5% Methanol≤0.3% Ethanol≤0.5%	Complies Complies Complies Complies Complies
13.	Total Plate Count	≤10,00cfu/g	<10,00cfu/g
14.	Yeasts & Molds	≤1,00cfu/g	<1,00cfu/g
15.	E.Coli	Negative	Negative
16.	Salmonella	Negative	Negative

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0℃).

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

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35*H51cm
Conclusion: Conform to Enterprise Standard(According to EP8.0).

Analyst: xuli

QC: lixiaochen