

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	White 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)	Silybin $\geq 95\%$	97.1%
5.	Loss on Drying	$\leq 5.0\%$	1.7%
6.	Residue on Ignition	$\leq 0.5\%$	0.1%
7.	Heavy Metals	$\leq 20\text{ppm}$	$< 20\text{ppm}$
8.	Solvent Residue	N-hexane $\leq 0.02\%$ Ethyl Acetate $\leq 0.02\%$ Acetone $\leq 0.5\%$	Complies Complies Complies
9.	Total Plate Count	$\leq 10,000\text{cfu/g}$	$< 10,000\text{cfu/g}$
10.	Yeasts & Molds	$\leq 1,000\text{cfu/g}$	$< 1,000\text{cfu/g}$
11.	E.Coli	Negative	Negative
12.	Salmonella	Negative	Negative

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

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 with Enterprise Standard (According to EP8.0).

Analyst: xuli

QC: lixiaochen