

CERTIFICATE OF ANALYSIS

Product Name	Rutin	Latin Name	<i>Sophorae Japonica</i>
Batch No	PY-RU20190912	Used Part	Flower
Quantity	500KG	Analysis Date	Sep.13, 2019
Mfg. Date	Sep.12, 2019	Exp. Date	Sep.11, 2021

No.	Item	Specification	Result
1.	Appearance	Light greenish yellow powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	Water&Ethanol	Complies
4.	Particle size	95% pass through 80 mesh	Complies
5.	Isoquercitroside	≤2.0%	0.85%
6.	Kaempferol3-Rutinoside	≤2.0%	0.90%
7.	Quercetin	≤2.0%	0.97%
8.	Ash	≤0.1%	0.03%
9.	Loss on drying	5.0%—8.5%	6.42%
10.	Assay (By Titration)	98.5%—102.0%	98.63%
11.	Heavy metals	≤10ppm	≤10ppm
12.	As	≤1.0ppm	≤1.0ppm
13.	Hg	≤0.1ppm	≤0.1ppm
14.	Cd	≤1.0ppm	≤1.0ppm
15.	Pb	≤3.0ppm	≤3.0ppm
16.	Total Plate Count	≤1000cfu/g	Complies
17.	Yeasts & Molds	≤100cfu/g	Complies
18.	E. Coli	Negative	Negative
19.	Salmonella	Negative	Negative

Store in sealed containers at cool & dry place.

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 specification.

Analyst: xuli

QC: lixiaochen