

## CERTIFICATE OF ANALYSIS

Product Name	Ginseng extract	Latin Name	<i>Panax Ginseng C.A. Meyer</i>
Batch No	PY-PG20190617	Used Part	Leaf & Stem
Quantity	500KG	Analysis Date	Jun.20,2019
Mfg. Date	Jun.17,2019	Exp. Date	Jun.16,2021

No.	Item	Specification	Result
1.	Appearance	Light Yellow fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Identification	Indential to R.S. sample	Positive
4.	Particle Size	95% pass 100 mesh	Complies
5.	Extract Solvent	Water & Ethanol	Complies
6.	Assay( by UV)	Ginsenosides $\geq$ 80.0%	81.59%
7.	Rg1+Re+Rf+Rb1+Rc+Rb2+Rd( by HPLC)	$\geq$ 45%	45.26%
8.	Loss on Drying	$\leq$ 5.0%	4.16%
9.	Ash	$\leq$ 5.0%	2.14%
10.	Heavy Metals	$\leq$ 10ppm	<10ppm
11.	Pb	$\leq$ 3ppm	<2ppm
12.	As	$\leq$ 1ppm	<2ppm
13.	Cd	$\leq$ 1ppm	<0.2ppm
14.	Hg	$\leq$ 0.1ppm	<0.2ppm
15.	Solvent Residue	$\leq$ 0.05%	<0.05%
16.	Pesticide Residue	PCNB $\leq$ 10ppb	Complies
		DDT $\leq$ 10ppb	Complies
		BHC $\leq$ 10ppb	Complies
17.	Total Plate Count	$\leq$ 1,000cfu/g	<1,000cfu/g
18.	Yeasts & Molds	$\leq$ 100cfu/g	<100cfu/g
19.	E.Coli	Negative	Negative
20.	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 with specification.

Analyst: xuli

QC: lixiaochen