

CERTIFICATE OF ANALYSIS

Product Name	Ginseng Root Extract	Latin Name	<i>Panax Ginseng C.A. Meyer</i>
Batch No	PY-PG20190415	Used Part	Root
Quantity	500KG	Analysis Date	Apr.18,2019
Mfg. Date	Apr.15,2019	Exp. Date	Apr.14,2021

No.	Item	Specification	Result
1.	Appearance	Yellow fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Identification	Indentical to R.S. sample	Positive
4.	Particle Size	95% pass 100 mesh	Complies
5.	Extract Solvent	Water & Ethanol	Complies
6.	Assay(by HPLC)	Ginsenosides $\geq$ 20%	20.19%
7.	Loss on Drying	$\leq$ 5.0%	4.16%
8.	Heavy Metals	$\leq$ 10ppm	<10ppm
9.	Pb	$\leq$ 3ppm	<2ppm
10.	As	$\leq$ 1ppm	<2ppm
11.	Cd	$\leq$ 1ppm	<0.2ppm
12.	Hg	$\leq$ 0.1ppm	<0.2ppm
13.	Solvent Residue	Ethanol $\leq$ 1000ppm	<500ppm
14.	Pesticide Residue	PCNB $\leq$ 10ppb	Complies
		DDT $\leq$ 10ppb	Complies
		BHC $\leq$ 10ppb	Complies
15.	Total Plate Count	$\leq$ 1,000cfu/g	<1,000cfu/g
16.	Yeasts & Molds	$\leq$ 100cfu/g	<100cfu/g
17.	E.Coli	Negative	Negative
18.	Salmonella	Negative	Negative
19.	Staphylococcus Aureus	Negative	Negative

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

Conclusion: Conform with specification.

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

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Analyst: xuli

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