

CERTIFICATE OF ANALYSIS

Product Name	Ginseng Root Extract	Latin Name	Panax Ginseng C.A. Meyer
Batch No	PY-PG20160521	Used Part	Root
Quantity	450KG	Analysis Date	May.24,2016
Mfg. Date	May.21,2016	Exp. Date	May.20,2018

No.	Item	Specification	Result
1.	Appearance	Yellow-brown fine powder	Complies
2.	Taste & Odor	Characters, hygroscopic	Complies
3.	Identification	Indential to R.S. sample	Positive
4.	Particle Size	95% pass 80 mesh	Complies
5.	Extraction Solvent	Ethanol 75% & Water 25%	Complies
6.	Assay of Ginsenosides (Rb1,Rb2,Rc,Rd,Re,Rg1,Rf)	≥71.0% (by HPLC)	1.09%
7.	Loss on Drying	≤8.0%	6.34%
8.	Heavy Metals	≤10ppm	<10ppm
9.	Pb	≤3ppm	<3ppm
10.	As	≤1ppm	<1ppm
11.	Cd	≤1ppm	<1ppm
12.	Hg	≤0.1ppm	<0.1ppm
13.	Solvents Residual	Ethanol≤5,000ppm	<5,000ppm
14.	Pesticide Residual	Meets the European food regulation.	
15.	DDT	<10ppb	<10ppb
16.	PCNB	<10ppb	<10ppb
17.	BHC	<10ppb	<10ppb
18.	PCB	<10ppb	<10ppb
19.	TCZ	<10ppb	<10ppb
20.	TCA	<10ppb	<10ppb
21.	HCB	<10ppb	<10ppb
22.	PCA	<10ppb	<10ppb
23.	PCTA	<10ppb	<10ppb
24.	Procymidone	<100ppb	<100ppb
25.	Benzo(a)pyrene	<10ppb	<10ppb
26.	4HAP	<50ppb	<50ppb

27.	Aflatoxins (B1+B2+G1+G2)	<10ppb	<10ppb
28.	Total Plate Count	≤10,000cfu/g	<10,000cfu/g
29.	Yeasts & Molds	≤100cfu/g	<100cfu/g
30.	E.Coli	Negative	Negative
31.	Salmonella	Negative	Negative
32.	Staphylococcus Aureus	Negative	Negative
Store in well-closed container at room temperature, protect from light, moisture and pest infestation.			
Conclusion: Conform with specification.			

Analyst: xuli

QC: lixiaochen