Shaanxi LonierHerb Bio-Technology Co., Ltd.
Add: Tuanjie South Road No.11, Hi-tech Zone, Xi'an China
Tel: +86-29-87551862/ 85875292
www. Lonierherb.com E-mail:info@lonierherb.com

Certificate of Analysis

Product Information			
Product Name	Panax Notoginseng Extract Powder	Report Number	PNT20191227
Botanical Name	Panax notoginseng （Burk）F.H.Ch	Manufacture Date	2019.12.05
Used Part	Leaf	Analysis Date	2019.12.10
Batch Number	PNT191205	Report Date	2019.12.15
Batch Quantity	500KG	Expiry Date	2022.12.04

Test items	*Specifications*	*Result*	*Test Methods*
Active Ingredients			
Total Notoginsenoside	NLT5%	5.65%	HPLC
Physical & Chemical Data			
Appearance	Llight Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.56%	105℃/2 hrs
Total Ash	≤5.0 %	3.23%	GB 5009.4
Bulk Density	40~60 g/100mL	55.9 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	66.8 g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	
Contaminants			
Lead (Pb)	<3.0mg/kg	0.56mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.30mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.12mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS
Solvents Residue	<5000 mg/kg		GC
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	100cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life：3 years when properly stored.
Packing : Packed in paper-drums and two plastic-bags inside.
Storage：Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by：　　Checker：　　Approved：