

CERTIFICATE OF ANALYSIS

Product name:	Panax Ginseng Extract	Ref. Standard:	In-house
Plant Latin name:	<i>Panax ginseng C.A. Meyer</i>	Used part:	Stem & Leaves
Batch Number:	NF-20210322	Manuf. Date:	Mar,22, 2021
Batch Size	2000kg	Expiry Date:	Mar,21,2023
Storage Condition:	Preserve in tight containers at controlled room temperature.		

Item	Specification	Result	Method
Total Ginsenosides	≥80.0%	80.65%	UV
Total Ginsenosides		52.70%	HPLC
Organoleptic			
Identification	Identical to R.S. sample	Conform	TLC
Appearance	Light Yellow Powder	Conform	Organoleptic
Odor & taste	Very bitter and characteristic flavor	Conform	Organoleptic
Physical Characteristics			
Particle Size	95%Through 100 mesh	Conform	USP<786>
Loss on Drying	≤5.0%	3.52%	USP<731>
Identification	Positive	Conform	USP<561>
Heavy metals			
Total heavy metals	≤10.0ppm	Conform	USP<231>
Lead(Pb)	<2.0ppm	Conform	USP<730>ICP-MS
Arsenic (As)	<1.0ppm	Conform	USP<730>ICP-MS
Mercury (Hg)	<0.1ppm	Conform	USP<730>ICP-MS
Cadmium(Cd)	<0.1ppm	Conform	USP<730>ICP-MS
Residual of solvent	≤0.05% Ethanol	Conform	GC
Microbiological Tests			
Total plate Count	≤1000cfu/g	Conforms	USP<2021>
Yeast & Mold	≤100cfu/g	Conforms	USP<2021>
E.Coli.	Negative	Negative	USP<2022>
Salmonella	Negative	Negative	USP<2022>
Conclusion:	Conform to the In-house standard.		

Tested by: Fangchao Yang

Approved by: Jicheng Niu



地址: 西安市高新区科技三路 57 号融城云谷 B 座 5 层

Add: 5th Floor, Building B, No.57,Keji 3rd Road,High-Tech Zone, Xi'an,710075,China

Tel: (86)29-68740710 Mail: sales@natural-field.com www.natural-field.com