CERTIFICATE OF ANALYSIS

Product name:	Baicalein		
Plant Latin name:	***Scutellaria baicalensis Georgi***	Used part:	root
Batch Number:	NF-20181020	Manu. Date:	Oct. 20, 2018
Quantity:	50KGS	Expiration Date:	Oct. 19, 2020

Item	Specification	Result	Method
Maker Compounds	≥98.00%	98.42%	HPLC
Appearance	Fine Powder	Conforms	Visual
Color	Light yellow	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Physical			
Particle Size	NLT100%Through 80 mesh	Conforms	GB3520-83
Loss on Drying	≤2.0%	0.80%	2 hours in105℃
Ash content	≤1.2%	0.1%	EP8.0-2.4.16
Pesticide Residue	EP8.0	Conforms	EP8.0-2.8.13
Heavy metals			
Total Heavy Metals	≤10ppm	Conforms	
Arsenic	≤1.0ppm	Conforms	AAS
Lead	≤2.0ppm	Conforms	AAS
Mercury	≤0.1ppm	Conforms	AAS
Cadmium	≤1.0ppm	Conforms	AAS
Microbiological Tests			
Total Plate Count	≤1000cfu/g	Conforms	CP2015
Total Yeast & Mold	≤100cfu/g	Conforms	CP2015
E.Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Staphylococcus	Negative	Negative	CP2015
Packing	25kg/drum. Packing in paper drum and two plastic-bags inside.		
storage	Store in a well-closed place with constant low temperature and no direct sun light.		
Conclusion:	Conform		
Tested by:	Mr. Yang Fangchao	Approved by:	Mr. Niu Jicheng

Xi'an Natural Field Bio-technique Company Limited
Inspection

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