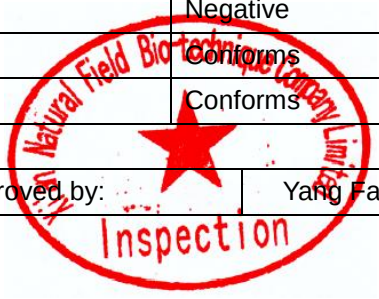
CERTIFICATE OF ANALYSIS

Product Name:	Rodiola Rosea P.E.		
Botanical Source:	Rhodiola Crenulata	Used Part:	Root
Batch Number:	NF-20190429	Manu. Date:	Apr. 29, 2019
Batch Size:	500KGS	Expiration Date:	Apr. 28, 2021
Storage Condition:	Preserve in tight containers at controlled room temperature.		

Item	Specification	Result
Physical and chemical analysis		
Assay	Rosavins≥3%	3.12%
	Salidroside≥1%	1.25%
Appearance	Red Brown Powder	Conforms
Extract Solvent	Ethanol & Water	Confirms
Identification	(+)	Positive
Particle Size	100%Through 80 mesh	Conforms
Ash Content	≤5.0%	3.69%
Loss on drying	≤5.0%	2.45%
Bulk Density	40~60g/100ml	50g/100ml
Residue Analysis		
Heavy Metals	≤10.0ppm	Conforms
Pb	≤2.0ppm	Conforms
As	≤2.0ppm	Conforms
Hg	≤1.0ppm	Conforms
Cd	≤1.0ppm	Conforms
Solvent Residue	Meet Eur.Ph.7.0<5.4>	Conforms
Microbiological Tests		
Total Plate Count	≤1000cfu/g	＜50cfu/g
Total Yeast & Mold	≤100cfu/g	＜20cfu/g
E.coil	Negative	Negative
Salmonella	Negative	Negative
GMO Free	Conforms	Conforms
Non-Irradiation	Conforms	Conforms
Conclusion:	Conform to the spec.	
Tested by:	Liu Mengting	Approved by: Yang Fangchao



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