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CERTIFICATE OF ANALYSIS

Product name:	Yohimbine HCl	Plant Source	Yohimbine bark
Used part:	Bark	Manu. Date:	Dec,15,2016
Batch Number:	FZ-YHB20161215-3	Expiration Date:	Dec,14,2018
Batch Size	64.2KG	Report Date	Dec,15,2016

Item	Specification	Results	Methods
Maker Compounds	98%	98.01%	HPLC
Appearance & Color	White powder	Conforms	GB5492-85
Odor & Taste	Characteristic	Conforms	GB5492-85
Extract Solvent	Water& ethanol	Conforms	
Bulk Density	0.4-0.6g/ml	0.50g/ml	
Mesh Size	80	100%	GB5507-85
Loss on Drying	≤5.0%	0.62%	GB5009.3
Ash Content	≤5.0%	0.57%	GB5009.4
Solvent Residue	Negative	Conforms	GC CP2005 Appendix VI E)
Heavy Metals			
Total Heavy Metals	≤10ppm	3ppm	AAS
Arsenic (As)	≤1.0ppm	0.15ppm	AAS(GB/T5009.11)
Lead (Pb)	≤1.5ppm	0.7ppm	AAS(GB5009.12)
Cadmium	<1mg/kg	Not Detected	AAS(GB/T5009.15)
Mercury	≤0.3ppm	Not Detected	AAS(GB/T5009.17)
Microbiology			
Total Plate Count	≤1000cfu/g	<100	GB4789.2
Total Yeast & Mold	≤25cfu/g	<10	GB4789.15
E. Coli	≤40MPN/100g	Not Detected	GB/T4789.3-2003
Salmonella	Negative in 25g	Not Detected	GB4789.4
Staphylococcus	Negative in 10g	Not Detected	GB4789.1

Conclusion	Conform with specification
Storage	Store in cool & dry place,Keep away from strong light and heat
Shelf life	2 years when properly stored

Analyst: Qu Bin



QC Supervisor: Li Feng