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Xi'an Plant Bio-engineering Co., Ltd

Certificate of Analysis

Product Name	5-HTP		
Part Used	Seeds	Source	<i>Griffonia Simplicifolia.</i>
Batch No.	JNZ180822	Manufacturing Date	Aug., 22 th , 2018
Butch Quantity	600KG	Expiration Date	Aug., 21 th , 2020
It isn't GM plant extracts			

Items	Specifications	Results	Test Methods
Assay	5-HTP 98%	98.58%	HPLC
Peak X	Negative	No Detected	HPLC
Appearance	Off-white fine Powder	Conforms	Visual
Identification	Must Positive	Positive	TLC
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Particle Size	100% Through 80 mesh	Conforms	100MeshScreen
Loss on Drying	2.0%	1.64%	5g/105 /3h
Ash content	1.0%	0.42%	2g/5255 /3h
Solvent Residue	Negative	Conforms	Gas Chromatography
Pesticide Residue	Negative	Conforms	Gas Chromatography
Total Heavy Metals	10ppm	Conforms	CP2010Appendix IX E
As	1ppm	Conforms	GB/T5009.11 -2003
Pb	1ppm	Conforms	GB/T5009.12 -2003
Hg	1ppm	Conforms	GB/T5009.13 -2003
Cd	1ppm	Conforms	GB/T5009.14 -2003
Total Plate Count	1000cfu/g	Conforms	CP2010Appendix X C
Total Yeast & Mold	100cfu/g	Conforms	CP2010Appendix X C
E.Coli	NMT 30 MPN/100g	Conforms	CP2010Appendix X C
Salmonella	Negative/25g	Conforms	CP2010Appendix X C
Staphylococcus	Negative/25g	Conforms	CP2010Appendix X C
Packing and Size	Packed in drum & two plastic-bags inside, Net Weight: : 25Kg/drum		

Conclusion	Conform with Specification.
Storage	Store in a cool and dry place, keep away from direct strong and heat.
Shelf Life	24months if when properly stored

