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## Specification Sheet

### Griffonia Seed Extract Powder 5-Hydroxytryptophan (5-HTP) 20% HPLC

General Information			
Part Used:	Seeds	Solvents Used:	Water/Ethanol
Botanical Source:	<i>Griffonia simplicifolia</i>	Country Of Origin:	China
ITEMS	SPECIFICATION		METHOD
Physical&Chemical Data			
Color	Light Yellow		Organoleptic
Odor	Characteristic		Organoleptic
Appearance	Fine Powder		Organoleptic
Analytical Quality			
Identification	Identical to <i>R.S.</i> sample		HPTLC
5-Hydroxytryptophan	≥20.0%		HPLC
Sieve analysis	100% through 80 mesh		USP34<786>
Loss on Drying	≤5.0%		Eur.Ph.7.0 [2.8.17]
Total Ash	≤10.0%		Eur.Ph.7.0 [2.4.16]
Contaminants			
Lead (Pb)	≤3.0 mg/kg		Eur.Ph.7.0<2.2.58>ICP-MS
Arsenic (As)	≤2.0 mg/kg		Eur.Ph.7.0<2.2.58>ICP-MS
Cadmium (Cd)	≤1.0 mg/kg		Eur.Ph.7.0<2.2.58>ICP-MS
Mercury (Hg)	≤0.1 mg/kg		Eur.Ph.7.0<2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph.7.0 <5.4>		Eur.Ph.7.0<2.4.24>
Pesticides Residue	Meet USP Requirements		USP34 <561>
Microbiological			
	Irradiation	Non irradiated	
Total Plate Count	≤1000 cfu/g	≤10000 cfu/g	USP34 <61>
Yeast & Mold	≤100 cfu/g	≤1000 cfu/g	USP34 <61>
E.Coli.	Negative	Negative	USP34 <62>
Salmonella	Negative	Negative	USP34 <62>
Packing&Storage			
	Packed in paper-drums and two plastic-bags inside. N.W:25kgs		
	Store in a well-closed container.		
	Away from moisture, light, oxygen.		
	24 months under the conditions above and in its original packaging.		
Shelf life			
Remarks			
	Non-GMO, Non-Allergen		