



Athesis

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CERTIFICATE OF ANALYSIS

Product name	Griffonia PE 20% Griffonia ES 20%
Botanical source	Griffonia simplicifolia
Origin	P.R. China
Country of Harvesting	China
Batch No.	20090317
Used Part	Seeds
Manufacturing Date	'03/2009
Expiry Date	'03/2012

ITEM	STANDARD	RESULT
Appearance	Brown-Yellow fine powder	Conforms
Odor	Characteristic	Conforms
Assay L-5-HTP (HPLC)	20.0% min	20.12%
Extract solvents	Ethanol & water	
Loss on drying	5.0% max	3.17%
Residue on ignition	5.0% max	3.45%
Particle size	100% pass through 80 mesh	Conforms
Heavy metals	20 ppm max	Conforms
Arsenic (As)	Max 2 ppm	Conforms
Lead (Pb)	Max 2 ppm	Conforms
Cadmium (Cd)	Max 1 ppm	Conforms
Mercury (Hg)	Max 0.1 ppm	Conforms
Pesticide residue		
666	Max 0.2 ppm	Conforms
DDT	Max 0.2 ppm	Conforms
Microbiology		
Total Plate count	10000 cfu/g max	Conforms
Yeast & molds	100 cfu/g max	Conforms
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Conclusion Conform with Specification

Sotrage: Store in cool & dry place. Keep away from strong light and heat

Shelf life: 3 years when properly stored

DATA AS RECEIVED FROM THE SUPPLIER