

Certificate of Analysis

Product Name:	Griffonia Seed Extract (5HTP-99%)	Manufacture Date:	2020-12-23
Specification:	L-5-Hydroxytryptophan	Testing Date:	2020-12-23
Batch Number:	HTP1223	Expire Date:	2022-12-22
Quantity:	800KG	Shelf Life:	2 Years
ITEM	SPECIFICATION	TEST RESULT	TEST METHOD
Identification	Positive	Complies	Visual
Appearance	White fine powder	Complies	Visual
Particle Size	100% Through 80 Mesh	Complies	80 Mesh Screen
Bulk Density	0.40~0.60g/ML	Complies	Density Meter
Assay	98%	98.68%	HPLC
Extract Solvents	30% Grain Alcohol (V/V)	Complies	V/V
Impurities And Solvents Residue	<0.05%	Complies	
Carriers Used	Maltose	Complies	
Loss On Drying	< 5.0%	3.35%	2g/525°C/3hrs
Ash	< 5.0%	3.42%	2g/525°C/3hrs
Sulphate	0.5% Max	Complies	
Pesticide Residue (GC)	Meets USP Requirements	Complies	GC
Aflatoxins	<0.2 ppb	Complies	AOAC
HEAVY METALS	< 5PPM	COMPLIES	Atomic absorption
Arsenic(As)	< 0.5ppm	Complies	Atomic Absorptio
Lead(Pb)	< 0.5ppm	Complies	Atomic Absorption
Cadmium(Cd)	< 0.05ppm	Complies	Atomic Absorption
Mercury(Hg)	Not Detected	Complies	Atomic Absorption
Chromium(Vi)	<0.5ppm	Complies	Atomic Absorption
MICROBIOLOGICAL TEST			
Total Plate Count	<1000cfu/G	Complies	GB/T4789.2-2003
Yeast And Mold	<100 cfu/G	Complies	GB/T4789.2-2003
Salmonella	Negative	Complies	GB/T4789.2-2003
E.Coli	Negative	Complies	GB/T4789.2-2003
Staphylococcus	Negative	Complies	GB/T4789.2-2003
EXTRACT METHOD	Ethanol & water extraction and spray dry.		
STORAGE	Store in cool and dry places. Keep away from strong light and heat.		
PACKING	25kg/drum i.d.42cm × h52cm		

QA

Checker

Analyst