



Specification Sheet

Product Name	Griffonia Seed Extract	Product Code	GSE02
Latin Name	<i>Griffonia Simplicifolia</i>	Part of Use	Seeds
Manufacturing Origin	China	Material Origin	Ghana

ITEMS	SPECIFICATIONS	METHOD
Organoleptic Tests		
Appearance	Brown powder	GB/T 5492-2008
Odor and Taste	Characteristic	GB/T 5492-2008
Identification		
Identification	Retention time of L-5-HTP Peak matches with the L-5-HTP R.S	HPLC
Physical Characteristics		
Loss on Drying	≤5.0%	CP2010
Residual on Ignition	≤5.0%	CP2010
Particle Size (#80)	100% thru #80	#80 Standard Screen
Assay		
L-5-HTP	≥25%	HPLC
Impurity		
Heavy Metal (as Pb)	≤20 ppm	USP35 <231>, Method II
Total Arsenic (as As)	≤3.0 ppm	ICP-MS
Lead (Pb)	≤3.0 ppm	ICP-MS
Cadmium (Cd)	≤1.0 ppm	ICP-MS
Mercury (Hg)	≤0.1 ppm	ICP-MS
Aflatoxins	≤10 ppb	HPLC
Microbiological Characteristics		
Total Plate Count	<10000 cfu/g	GB 4789.2-2010
Yeast and Mold	<100 cfu/g	GB 4789.15-2010
Coliforms	<10 cfu/g	GB 4789.3-2010
<i>Escherichia coli</i>	Negative	GB 4789.6-2010
<i>Salmonella enterica</i>	Negative	GB 4789.4-2010
<i>Staphylococcus Aureus</i>	Negative	GB 4789.10-2010
Package	Net 25Kg per fiber drum with 2-layer food grade plastic bags inside	
Shelf Life	2 years under good storage condition	
Storage	Store in cool and dry place. Do not freeze. Keep away from strong light and heat.	

