



## AnMar International Ltd.

540 Barnum Avenue  
PO Box 2343  
Bridgeport, CT 06608

Tel: 203-336-8330  
Fax: 203-336-5508

[www.anmarinternational.com](http://www.anmarinternational.com)

### SPECIFICATION SHEET Griffonia Seed P.E., 5-HTP

Item Code: 171A  
Updated: August 2012  
Plant Source: *Griffonia simplicifolia*

Country of Origin: China

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Appearance	Off-white powder	Organoleptic
Odor	Characteristic	Organoleptic
Particle size	100% through 80 mesh	USP<786>
Assay (L-5-HTP)	≥98.0%	HPLC
Peak X 1	Free	HPLC
Loss on drying	≤ 2.0%	USP<731>
Ash	≤ 2.0%	USP<281>
Bulk density		
Loose density	≥0.40 g/ml	CP2005
Bulk density	≥0.50 g/ml	CP2005
Heavy Metals	≤ 20 ppm	USP<231>
Lead (Pb)	≤ 0.5 ppm	USP<251>
Mercury (Hg)	≤ 0.3 ppm	USP<261>
Arsenic (As)	≤ 0.05 ppm	USP<211>
Residual Solvent	To meet EP requirements	GC
Microbiology:		
Total aerobic plate count	≤ 1,000 cfu/g	USP<2021>
Yeast & Mold	≤ 100 cfu/g	USP<2021>
Coliform	Negative	GB4789.3-2010
E. coli	Negative	USP<2022>
Salmonella	Negative	USP<2022>
S. aureus	Negative	USP<2022>

Storage: Store at ambient temperatures away from strong light and heat. Do not freeze.

Shelf Life: 2 years

Packing: In drums of 25 kgs

- Kosher certified

Gayathri Vasudevan

Manager, Quality Assurance & Regulatory