



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name	5-HTP 30% (Griffonia Seed Extract)		
CAS No.	56-69-9	Molecular Formula	C ₁₁ H ₁₂ N ₂ O ₃
Formula Weight	220.22	Pack Size	25 kg/drum

Test Item	Specification	Test Method
Appearance	Fine powder	Organoleptic
Color	Brown	Organoleptic
Odor & Taste	Characteristic	Organoleptic
Identification	Identical to <i>R.S.</i> sample	HPTLC
L-5-Hydroxytryptophan	≥30.0%	HPLC
Sieve Analysis	Analysis 100 % through 80 mesh	USP36<786>
Loss on Drying	≤5.0 %	Eur.Ph.7.0 [2.5.12]
Total Ash	≤5.0 %	Eur.Ph.7.0 [2.4.16]
Specific Rotation	-34.7 ~ -30.9 °	Eur.Ph.7.0 [2.9.13]
Loose Density	20~60 g/100ml	Eur.Ph.7.0 [2.9.34]
Tap Density	30~80 g/100ml	Eur.Ph.7.0 [2.9.34]
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph.7.0 <2.4.24>
Pesticides Residue	Meet USP Requirements	USP36 <561>
Heavy Metals		
Heavy Metals	≤10 ppm	ICP-MS
Lead (Pb)	≤1 ppm	ICP-MS
Arsenic (As)	≤2 ppm	ICP-MS
Cadmium (Cd)	≤1 ppm	ICP-MS
Mercury (Hg)	≤0.1 ppm	ICP-MS
Microbiological Tests		
Total Microbial Count	≤1000 CFU/g	USP <2021>
Mold and Yeast	≤100 CFU/g	USP <2021>
<i>E. Coli.</i>	Negative/10g	USP <2022>
<i>Salmonella</i>	Negative/10g	USP <2022>

Packing and Storage	
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum
Storage	24 months under the conditions below and in its original packaging.
Shelf Life	Store in a well-closed container away from moisture, light, oxygen.

Note: Non-GMO, Allergen Free, BSE/TSE Free.