

CERTIFICATE OF ANALYSIS

Product name:	5-HTP (Griffonia Simplicifolia seed extract)		
Plant Latin name:	<i>Griffonia Simplicifolia</i>	Used part:	Seed
Batch Number:	NF-20190321	Manu. Date:	Mar. 21, 2019
Batch Size	500kg	Expiration Date:	Mar. 20, 2021
Net Weight:	500kg	Report Date	Mar. 21, 2019
Storage Condition:	Preserve in tight containers at controlled room temperature .		

Item	Specification	Result
Assay (HPLC)	≥98.00%	98.29%
Organoleptic		
Appearance	White to Off-white powder	Off-white powder
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Excipient	None	Conforms
Physical Characteristics		
Particle Size	100% through 80 mesh	Conforms
Loss on Drying	≤2.0%	1.21%
Ash content	≤1.0%	0.46%
Heavy metals		
Total Heavy Metals	≤20ppm	Conforms
Pb	≤3.0ppm	Conforms
As	≤1.0ppm	Conforms
Microbiological Tests		
Total Plate Count	≤3000cfu/g	Conforms
Total Yeast & Mold	≤300cfu/g	Conforms
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Conclusion:	Conform to Enterprise standard.	
Tested by:	Fangchao Yang	Approved by: Jicheng Niu

