

CERTIFICATE OF ANALYSIS

Product Name	Griffonia Seed Extract	Latin Name	<i>Griffonia simplicifolia</i>
Batch No	PY-GR20200508	Used Part	Seeds
Quantity	500KG	Analysis Date	May.11,2020
Mfg. Date	May.08,2020	Exp. Date	May.07,2022

No.	Item	Specification	Result
1.	Appearance	White to off white powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	Water	Complies
4.	Partical Size	95% pass 80 mesh	Complies
5.	Identification	Positive	Positive
6.	Assay(by HPLC)	5-HTP≥99.0%	99.07%
7.	Extract Ratio	12-14:1	12-14:1
8.	Expicient/Carrier	None	None
9.	Loss on Drying	≤1.0%	0.05%
10.	Residue on Ignition	≤1.0%	0.25%
11.	Heavy Metals	≤10ppm	Complies
12.	Pb	≤1.0ppm	<0.5ppm
13.	As	≤1.0ppm	<0.5ppm
14.	Cd	≤1.0ppm	<0.5ppm
15.	Hg	≤0.1ppm	<0.1ppm
16.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
17.	Yeasts & Molds	≤100cfu/g	<30cfu/g
18.	E.Coli	Negative	Negative
19.	Salmonella	Negative	Negative

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0℃).

Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35*H51cm

Conclusion: Conform with specification.

Analyst: xuli

QC: lixiaochen