



Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: Tuanjie South Road No.11, Hi-tech Zone, Xi'an China

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

Certificate of Analysis

Product Information

Product Name	Griffonia Simplicifolia Extract Powder	Report Number	HTP20210728
Botanical Name	Griffonia Simplicifolia	Manufacture Date	2021.07.06
Used Part	Seed	Analysis Date	2021.07.11
Batch Number	HTP210706	Report Date	2021.07.16
Batch Quantity	300KG	Expiry Date	2024.07.05

Test items	Specifications	Result	Test Methods
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Active Ingredients

5-HTP	NLT98%	98.50%	HPLC
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Physical & Chemical Data

Appearance	White to Off-white powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	<2.0 %	1.16%	105°C/2 hrs
Total Ash	<1.0 %	0.45%	GB 5009.4
Excipient	None	Conforms	

Contaminants

Lead (Pb)	<3.0mg/kg	0.23mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.15mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.05mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

Microbiological

Total Aerobic Count	≤ 1000cfu/g	110cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life:	3 years when properly stored.
Packing :	Packed in paper-drums and two plastic-bags inside.
Storage:	Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

