



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	Sphaeranthus Indicus Extract Powder	Report Number	SIL20210137
Botanical Name	Sphaeranthus indicus L	Manufacture Date	2021.04.22
Used Part	Flower Head	Analysis Date	2021.04.27
Batch Number	SIL210422	Report Date	2021.05.05
Batch Quantity	400KG	Expiry Date	2024.04.21

Test items	Specifications	Result	Test Methods
------------	----------------	--------	--------------

Active Ingredients

Extract Ratio	10:1	Conforms	TLC
---------------	------	----------	-----

Physical & Chemical Data

Appearance	Brown Yellow Fine powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.20%	105°C/2 hrs
Total Ash	≤5.0 %	2.80%	GB 5009.4
Bulk Density	40~60 g/100mL	52.0g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	66.5g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	

Contaminants

Lead (Pb)	<3.0mg/kg	0.19mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.31mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.10mg/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: 张丽娜

Checker: 李明

Approved:

