Shaanxi LonierHerb Bio-Technology Co., Ltd.
Add: No.56 Jinye Road, Hi-tech Zone, Xi'an China 710077
Tel: +86-29-87551862/ 85875292
www. Lonierherb.com E-mail:info@lonierherb.com

V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Lotus Leaf Extract Powder	Report Number	LLP20211131
Botanical Name	Nelumbo nucifera	Manufacture Date	2021/11/06
Used Part	Leaf	Analysis Date	2021/11/11
Batch Number	LLP211106	Report Date	2021/11/16
Batch Quantity	500Kg	Expiry Date	2024/11/05

Test Items	***Specifications***	***Result***	***Test Methods***
Active Ingredients			
Assay	≥2.0% Nuciferine	2.31%	HPLC
Physical & Chemical Data			
Appearance	Brown 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 %	2.72%	105℃/2 hrs
Total Ash	≤5.0 %	0.45%	GB 5009.6
Bulk Density	40~60 g/100mL	47.8g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	50.9g/100mL	GB/T 18798.5
Contaminants			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤1000cfu/g	165cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	30cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Conclusion	
Conclusion	To be complied with in-house Specification
Shelf Life	3 years when properly stored.
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: Checker: Approved: