

Certificate of Analysis

Product Information			
Product Name	Epimedium Extract Powder	Report Number	EEP20220416
Botanical Name	Epimedium sagittatum	Manufacture Date	2022/03/22
Used Part	Leaf	Analysis Date	2022/03/27
Batch Number	EEP220322	Report Date	2022/04/01
Batch Quantity	500Kg	Expiry Date	2025/03/21
<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
Active Ingredients			
Assay	≥50.0% Icaritin	50.21%	HPLC
Physical & Chemical Data			
Appearance	Yellow 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 %	3.28%	105°C/2 hrs
Total Ash	≤5.0 %	3.09%	GB 5009.6
Bulk Density	40~60 g/100mL	48.8 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.9 g/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	195cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	35cfu/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: 张丽娜

Checker: 李明

Approved:

