

Guilin Yami Botanical Resources Co.,Ltd.

Certificate of Analysis

Product Name:	Centella Asiatica Extract	Manufacture Date:	Jan. 12 th , 2021
Botanic Name:	Centella Asiatica (L.)	Analysis Date:	Jan. 13 th , 2021
Batch No.:	CAE 40-20210101	Shelf Life:	2 years.
Quantity:	20Kgs	Expire Date:	Jan. 11 th , 2023
Origin:	P.R. China.		

Analysis Item	Specification	Result	Method
Asiaticoside	≥40.0%	40.21%	HPLC

1. Manufacture Profile:

Plant Part Used	Whole Plant	Complies	Visual
Solvents And % Used	Ethanol & Water	Complies	Routine Analysis
Extraction Process	Ethanol extraction	Complies	/
Dry Fashion	Vacuum Drying	Complies	/

2. Organoleptic Profile:

Appearance	Light Yellow to milky powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Visual
Granule size	98% Pass 80 mesh	Complies	Visual

3. Chemical Analytical Profile:

Loss on drying	≤5.0%	3.17%	CP2010
Total Ash	≤5.0%	2.88%	CP2010
Solvent Residual	<0.05%	Complies	CP2010

4. Heavy Metals

Heavy metals	<10ppm	<10ppm	CP2010
Cu	<20ppm	<20ppm	CP2010
As	<2.0ppm	<2.0ppm	CP2010
Hg	<0.1ppm	<0.1ppm	CP2010
Pb	<3ppm	<3ppm	CP2010
Cd	<1ppm	<1ppm	CP2010

5. Microbiological Test:

Total Plate Count	≤1000cfu/g	Complies	CP2010
Yeast & Mold	≤100cfu/g	Complies	CP2010
Total Coliforms	≤100cfu/g	Complies	CP2010
E. Coli.	Negative	Complies	CP2010
Salmonella	Negative	Complies	CP2010

Packing: N.W. 10-25kgs/fiber drum and two plastic bags inside. Drum size I.D. 42cm x H52cm.

Storage: Store in well-closed container at room temperature, protect from light, moisture and pest infestation.

Sterilization Method: High-temperature sterilization, non-irradiated.

Conclusion: Conform with Specification.

Kun Mo

Quality Assurance Officer

Ju Li

Quality Control Analyst