

Certificate of Analysis**Product Information**

Product Name	Theaflavin Powder	Report Number	THN20220241
Botanical Name	Camellia sinensis O. Ktze	Manufacture Date	2022/02/16
Used Part	Leaf	Analysis Date	2022/02/21
Batch Number	THN220216	Report Date	2022/02/26
Batch Quantity	1000KG	Expiry Date	2025/02/15

<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
Active Ingredients			
Assay(Theaflavin)	≥20.0%	22.30%	UV

Physical & Chemical Data

Appearance	Red Brown Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.32%	105℃/2 hrs
Total Ash	≤5.0 %	3.15%	GB 5009.4
Bulk Density	40~60 g/100mL	53.3 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	68.4 g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	

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
Solvents Residue	<5000mg/kg	Conforms	GC

Microbiological

Total Aerobic Count	≤ 1000cfu/g	165cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	45cfu/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:

