

Certificate of Analysis**Product Information**

Product Name	Broadleaf Holly Leaf Extract	Report Number	BRN20211131
Botanical Name	Ilex chinensis Sims	Manufacture Date	2021/11/06
Used Part	Leaf	Analysis Date	2021/11/11
Batch Number	BRN211106	Report Date	2021/11/26
Batch Quantity	600KG	Expiry Date	2024/11/05

<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
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Active Ingredients

Extract Ratio	10:1	Conforms	TLC
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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 %	3.19%	105°C/2 hrs
Total Ash	≤5.0 %	3.06%	GB 5009.4
Bulk Density	40~60 g/100mL	54.6 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	66.5 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

Microbiological

Total Aerobic Count	≤ 1000cfu/g	150cfu/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: 张丽娜

Checker: 李明

Approved:

