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Technical Data Sheet

Product Information		
Product Name	Holly Leaf Extract Powder	
Botanical Name	Ilex chinensis Sims	
Used Part	Leaf	
Test Items	Specifications	Test Methods
Active Ingredients		
Extract Ratio	10:1	TLC
Physical & Chemical Data		
Appearance	Brown Fine Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Loss on Drying	≤5.0 %	105°C/2 hrs
Total Ash	≤5.0 %	GB 5009.4-2016
Bulk Density	40~60g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	GB/T 18798.5
Contaminants		
Lead (Pb)	<3.0mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	ICP-MS
Microbiological		
Total Aerobic Count	≤1000cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	GB 4789.15
E-Coli	Negative	GB 4789.3
Salmonella	Negative	GB 4789.4
Staphylococcus Aureus	Negative	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.

Certificate of Analysis

Product Information			
Product Name	Holly Leaf Extract Powder	Report Number	HLN20211141
Botanical Name	Ilex chinensis Sims	Manufacture Date	2021/11/16
Used Part	Leaf	Analysis Date	2021/11/21
Batch Number	HLN211116	Report Date	2021/11/26
Batch Quantity	900Kg	Expiry Date	2024/11/15
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Extract Ratio	10:1	Conforms	TLC
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 %	3.26%	105°C/2 hrs
Total Ash	≤5.0 %	3.12%	GB 5009.6
Bulk Density	40~60g/100mL	49.4 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.1 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	180cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	50cfu/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: 张丽娟

Checker: 李明

Approved:



