Shaanxi LonierHerb Bio-Technology Co., Ltd.
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Technical Data Sheet

Product Information		
Product Name	Flammulina Velutipes Extract	
Latin Name	Flammulina velutiper(Fr.) Sing.	
Used Part	Fruit Body	
Test items	***Specifications***	***Test Methods***
Active Ingredients		
Assay(polysaccharide)	≥30%	UV
Physical & Chemical Data		
Appearance	Brown Yellow Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Loss on Drying	≤5.0 %	105℃/2 hrs
Total Ash	≤5.0 %	GB 5009.4-2016
Bulk Density	40~60 g/100mL	GB/T 18798.5
Tap Density	60~90g/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
Solvents Residue	<5000 mg/kg	GC
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.

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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Flammulina Velutipes Extract	Report Number	FLN20220240
Botanical Name	Flammulina velutiper(Fr.) Sing.	Manufacture Date	2022/02/15
Used Part	Fruit Body	Analysis Date	2022/02/20
Batch Number	FLN220215	Report Date	2022/02/25
Batch Quantity	800KG	Expiry Date	2025/02/14

Test items	*Specifications*	*Result*	*Test Methods*
Active Ingredients			
Assay(polysaccharide)	≥30%	32.10%	UV
Physical & Chemical Data			
Appearance	Brown Yellow 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℃/2 hrs
Total Ash	≤5.0 %	3.01%	GB 5009.4
Bulk Density	40~60 g/100mL	53.6 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	68.2 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	40cfu/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.
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Tested by： Checker： Approved：


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