

## Certificate of Analysis

### Product Information

Product Name	Marasmius Androsaceus Extract	Report Number	MAN20220239
Botanical Name	Marasmius Androsaceus	Manufacture Date	2022/02/14
Used Part	Fruit Body	Analysis Date	2022/02/19
Batch Number	MAN220214	Report Date	2022/02/24
Batch Quantity	600KG	Expiry Date	2025/02/13

Test items	Specifications	Result	Test Methods
------------	----------------	--------	--------------

### Active Ingredients

Assay(polysaccharide)	≥30%	31.90%	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 %	3.25%	105°C/2 hrs
Total Ash	≤5.0 %	3.16%	GB 5009.4
Bulk Density	40~60 g/100mL	53.4 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	68.9 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: 张丽娜

Checker: 李明

Approved:

