

Certificate of Analysis**Product Information**

Product Name	Morning Glory Seed Extract	Report Number	NON20220235
Botanical Name	Pharbitis pururea(L.)Voigt.	Manufacture Date	2022/02/10
Used Part	Seed	Analysis Date	2022/02/15
Batch Number	MGN220210	Report Date	2022/02/20
Batch Quantity	500KG	Expiry Date	2025/02/09

<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
Active Ingredients			
Extract Ratio	10:1	Conforms	TLC

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 %	3.15%	105℃/2 hrs
Total Ash	≤5.0 %	3.12%	GB 5009.4
Bulk Density	40~60 g/100mL	53.1 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	155cfu/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:

