



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Purple Yam Extract Powder	Report Number	PYP20260340
Botanical Name	Dioscorea alata L	Manufacture Date	2026/03/15
Used Part	Root	Analysis Date	2026/03/20
Batch Number	PYP260315	Report Date	2026/03/25
Batch Quantity	1000Kg	Expiry Date	2029/03/14
Test items	Specifications	Result	Test Methods
Active Ingredients			
Extract Ratio	10:1	Conforms	TLC
Physical & Chemical Data			
Appearance	Purplish Red Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	Through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0%	3.02%	105℃/2 hrs
Total Ash	≤5.0%	0.92%	
Bulk Density	40~60 g/100mL	55.6 g/100mL	GB 5009.4
Tap Density	60~90 g/100mL	65.8 g/100mL	GB/T 18798.5
Solubility	Soluble in water	Conforms	
Contaminants			
Lead (Pb)	<3.0 mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0 mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0 mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1 mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤1000 cfu/g	150cfu/g	GB 4789.2
Yeast & Moulds	≤100 cfu/g	10cfu/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: 张丽娜

Checker: 李明

Approved:

