



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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### Certificate of Analysis

#### Product Information

Product Name	Jerusalem Artichoke Extract Powder	Report Number	JAL20220124
Botanical Name	Jerusalem Artichoke	Manufacture Date	2021.12.31
Used Part	Root	Analysis Date	2022.01.07
Batch Number	JAL211231	Report Date	2022.01.12
Batch Quantity	300KG	Expiry Date	2024.12.30

Test items	Specifications	Result	Test Methods
Extract Ratio	20:1	Conforms	TLC

#### Physical & Chemical Data

Appearance	Light Yellow to Off-White 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 %	3.21%	105 °C/2 hrs
Total Ash	≤5.0 %	2.31%	GB 5009.4
Bulk Density	40~60 g/100mL	52.0 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	65.0 g/100mL	GB/T 18798.5

#### Contaminants

Lead (Pb)	<3.0mg/kg	0.45mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.22mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.10mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

#### Microbiological

Total Aerobic Count	≤ 5000cfu/g	120cfu/g	GB 4789.2
Yeast & Moulds	≤ 1000cfu/g	20cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
CAS NO.	9005-80-5		

#### 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:

