

Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: Tuanjie South Road No.11, Hi-tech Zone, Xi'an China

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

Certificate of Analysis

Product Information

Product Name	Horsetail Extract Powder	Report Number	HEL20200640
Botanical Name	Equisetum arvense L	Manufacture Date	2020.06.18
Used Part	Whole Herb	Analysis Date	2020.06.23
Batch Number	HEL200618	Report Date	2020.06.28
Batch Quantity	1000KG	Expiry Date	2023.06.17



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

Active Ingredients

Organic Silica	NLT7%	7.26%	UV
Extract Ratio	15:1	Conforms	HPLC

Physical & Chemical Data

Appearance	Brown 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 %	3.11%	105°C/2 hrs
Total Ash	≤5.0 %	3.25%	GB 5009.4
Bulk Density	40~60 g/100mL	56.8 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	59.8 g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	

Contaminants

Lead (Pb)	<3.0mg/kg	0.15mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.20mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.08mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

Microbiological

Total Aerobic Count	≤ 1000cfu/g	780cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/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

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:

