

**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**Technical Data Sheet****Product Information**

Product Name	Piper Longum Extract Powder
Botanical Name	Piper longum L
Used Part	Fruit

<i>Test items</i>	<i>Specifications</i>	<i>Test Methods</i>
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Active Ingredients

Extract Ratio	10:1	TLC
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Physical & Chemical Data

Appearance	Brown Fine Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Loss on Drying	NMT5.0 %	105°C/2 hrs
Total Ash	≤5.0 %	GB 5009.4
Bulk Density	40~60 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	GB/T 18798.5

Contaminants

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

Microbiological

Total Aerobic Count	<1000cfu/g	GB 4789.2
Yeast & Moulds	<100cfu/g	GB 4789.15
E-Coli	Negative	GB 4789.3
Salmonella	Negative	GB 4789.4
Staphylococcus Aureus	Negative	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.