



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Technical Data Sheet

Product Information

Product Name Marigold Extract
Botanical Name Tagetes erecta L.
Used Part Flower

Test items	Specifications	Test Methods
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Active Ingredients

Lutein	NLT80%	UV
Zeaxanthin	NLT4%	HPLC

Physical & Chemical Data

Appearance	Orange-Red Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Loss on Drying	≤5.0 %	105°C/2 hrs
Total Ash	≤5.0 %	GB 5009.4-2016
Bulk Density	40~60 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	GB/T 18798.5

Contaminants

Lead (Pb)	<3.0mg/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.