

Certificate of Analysis

Product Information			
Product Name	Fenugreek Seed Extract Powder	Report Number	FSL20200916
Botanical Name	Trigonella foenum-graecum L	Manufacture Date	2020.08.25
Used Part	Seed	Analysis Date	2020.08.30
Batch Number	FSL200825	Report Date	2020.09.04
Batch Quantity	300KG	Exp. Date	2023.08.24
Test items	Specifications	Result	Test Methods
Active Ingredients			
Saponins	NLT85%	86.20%	UV
Physical & Chemical Data			
Appearance	Brown Yellow 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 %	3.12%	105°C/2 hrs
Total Ash	≤5.0 %	2.98%	GB 5009.4
Bulk Density	40~60 g/100mL	55.9 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	66.0g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	
Contaminants			
Lead (Pb)	<3.0mg/kg	0.12mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.08mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.06mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS
Solvents Residue	<5000 mg/kg		GC
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	60cfu/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: 张丽娜

Checker: 李明

Approved:

