



YOUTH  
HEALTHY  
青春康美

Xi an Youth Biotech Co.,Ltd

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## Certificate of Analysis

Product Name	Fenugreek Seed Extract	Botanical Source	<i>Trigonella foenum-graecum L.</i>
Batch No.	HLB20210128	Manufacturing Date	Jan,28th.2021
Batch Quantity	1,600kg	Expiration Date	Jan,27th.2023

Item	Specification	Results	Methods
Specification (Total Saponins)	NLT 10%	10.8%	UV
<b>Description</b>			
Appearance & Color	Brown Yellow Powder	Conforms	Visual
Mesh Size	95% pass 80 mesh	Conforms	80 Mesh Screen
Part Used	Seed	Conforms	/
Solubility in water	100% soluble	Conforms	/
Loss on Drying	≤5.0%	4.20%	GB/T5009.3
Ash Content	≤5.0%	3.16%	GB/T5009.4
<b>Heavy Metals</b>			
Total Heavy Metals	≤10ppm	Conforms	AAS
Arsenic (As)	≤3ppm	Conforms	AAS(GB/T5009.11)
Lead (Pb)	≤2ppm	Conforms	AAS(GB/T5009.12)
Cadmium(Cd)	≤1ppm	Conforms	AAS(GB/T5009.15)
Mercury(Hg)	≤0.1ppm	Conforms	AAS(GB/T5009.17)
<b>Microbiology</b>			
Total Plate Count	≤1,000cfu/g	Conforms	GB/T4789.2
Total Yeast & Mold	≤100cfu/g	Conforms	GB/T4789.15
E. Coli	Negative	Conforms	GB/T4789.3
Salmonella	Negative	Conforms	GB/T4789.4
Packing and Storage	Packed in paper-drums and two plastic-bags inside.		
Shelf Life	2 Year When Stored properly		

Analyst: Guo Shan

Date: 2021.01.28

Approved: Gloria Yang, Ph.D

Date: 2021.01.28

