

## Certificate of Analysis

### Fenugreek Extract

<b>General Information</b>			
Plant Origin	Trigonella foenum-graecum L.	Part of Used	Seed
GMO Status	GMO Free	Representative QTY	3000 kg
Batch No.	HLB20230110	Produce Date	2023-01-10
Analysis Date	2023-01-11	Expiry Date	2025-01-09
Item	Specification	Method	Result
<b>Physical Property</b>			
Appearance	Fine Powder	Organoleptic	Conforms
Color	Brown Yellow Powder	Organoleptic	Conforms
Odour	Characteristic	Organoleptic	Conforms
Mesh Size	100% through 80 mesh size	USP39<786>	Conforms
<b>General Analysis</b>			
Identification	Identical to R.S. sample	USP39	Conforms
Assay	Saponins	HPLC	50.9%
Loss on Drying	≤5.0%	Eur.Ph.8.0[2.2.32]	3.20%
Ash	≤5.0%	Eur.Ph.8.0[2.4.16]	3.00%
<b>Contaminants</b>			
Solvents Residue	Meet Eur.Ph8.0<5.4>	Eur.Ph 8.0<2.4.24>	Conforms
Pesticides Residue	Meet USP39<561>	USP39<561>	Conforms
Lead(Pb)	≤3.0mg/kg	Eur.Ph8.0<2.4.10>ICP-MS	0.11
Arsenic(As)	≤2.0mg/kg	Eur.Ph8.0<2.4.2>ICP-MS	0.10
Cadmium(Cd)	≤1.0mg/kg	Eur.Ph8.0<2.2.58>ICP-MS	0.05
Mercury(Hg)	≤0.1mg/kg	Eur.Ph8.0<2.9.32>ICP-MS	0.05
<b>Microbiological</b>			
Total Plate Count	≤1000cfu/g	USP39-NF34<2021>	Conforms
Yeast & Mold	≤100cfu/g	USP39-NF34<2021>	Conforms
E.Coli.	Negative	USP39<2022>	Conforms
Salmonella	Negative	USP39<2022>	Conforms
<b>Shelf Life</b>	24 months under the conditions below, no antioxidant used		
<b>Package&amp;Storage</b>	Standard packed in fiber-drum and two plastic bags inside N.W: 25kgs. I.D. 35 x H51 cm Store in a cool, dry place away from Moisture, Light, Oxygen		
<b>Manufacturer</b>	Xi'an Sost Biotech Co.,Ltd.		

QC Manager: Guo Shan

QA: Feng Li

