

CERTIFICATE OF ANALYSIS

Product: Fenugreek Seed Powder
Botanical Name/INCI: Trigonella Foenumgraecum
Lot No: BPCFSP092023
Best Before: September, 2026
Origin: India
CAS No.: 84625-40-1

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Powder	Visual
Identification	Positive	Conform	HPTLC
Color	Yellowish-Tan to Brown	Yellowish-Tan	Visual
Taste	Characteristic	Conform	Organoleptic
Odor	Characteristic	Aromatic	Organoleptic
Moisture	10.0% Max	8.0%	AOAC
Heavy Metals	≤10.0ppm	<10.0ppm	ICP-MS
	(Pb) ≤3.0ppm	0.270ppm	
	(As) ≤2.0ppm	<0.125ppm	
	(Cd) ≤2.0ppm	<0.031ppm	
	(Hg) ≤1.0ppm	<0.025ppm	
Gluten	-	Not Detected	Elisa Agrastrip
Mesh Size	Through 40 mesh	95 %	USS Sieving
 <u>MICROBIOLOGICAL</u>			
Total Plate Count	≤100,000cfu/g	<1,000cfu/g	FDA BAM
Yeast	≤1,000cfu/g	<10 cfu/g	FDA BAM
Mold	≤1,000cfu/g	10 cfu/g	FDA BAM
Coliforms	≤100cfu/g	<10 cfu/g	FDA BAM
E. coli	Absent/10g	Absent/10g	USP<2022>
Salmonella	Negative/25g	Negative/25g	AOAC 998.09

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