

 Herbs & Spices · Whole - Tea Cut · Powders · Extracts		Document Name:	Finished product specification			
		Product Name / Product Number	FENUGREEK POWDER(Steam Sterilized)FSS-022			
		Document ID JK/QCD/FSS/022	Version No. 02	Issue date: 01/03/2023	Review date :	

Name of the Product	FENUGREEK POWDER(Steam Sterilized)	Part Used	Seed
Botanical name	Trigonella foenum-graecum	Country of origin	India
Sampling Procedure	As per SOP No. JK/SOP/SIC/01	Sample size	1000gms
Safety Precautions	Use aprons, safety goggle, mask, and hand gloves during handling the material.		
Storage	Keep at Dry & cool place ,hygiene away from direct heat, moisture & Sunlight		
Primary packaging	Packing in LDPE liner.		
Secondary Packaging	PP Bags or Fiber Box or as per customer's requirement.		
Applicable Legislation	IP /AP & In-house specification.		
Shelf life	36 months in original packed conditions from the date of mfg. When stored for more than 24 months, quality should be checked before use		
Labeling Instructions	As per client's requirement – Shipping Marks: Product Name, Net Weight, Batch Code, Best Before, Product of India, Barcode (if Required)		
Potential Mishandling of the Product	Improper Storage & Handling and If use after shelf life.		

PARAMETERS		SPECIFICATION	TEST METHOD	TEST PLAN
Description				
a	Appearance	Yellowish tan color powder	Visual	Every batch
b	Colour	Yellowish tan	Organoleptic	Every batch
c	Odour	Characteristic	Organoleptic	Every batch
d	Taste	Bitter	Organoleptic	Every batch
Analytical Data				
a	Moisture content (Loss on drying)	Max. 10.0%	As per AP	Every batch
b	Total Ash	Max. 10.0%	As per AP	Every batch
c	Acid insoluble ash	Not more than 0.50%	As per AP	Every batch
d	Particle size (Passing thro.40#)	Not less than 95.0%	ASTM	Every batch
e	Bulk density (20g/100s)	0.35g/ml to 0.45g/ml	As per IP	Every batch
f	Tapped density	0.50g/ml to 0.60g/ml	As per IP	Every batch
Heavy metal analysis				
a	Lead (Pb)	Max 2.0 ppm	AOAC 2015.01	Every six month or as per customers requirement
b	Arsenic (As)	Max 2.0 ppm	AOAC 2015.01	
c	Mercury (Hg)	Max 2.0 ppm	AOAC 2015.01	
d	Cadmium (Cd)	Max 2.0 ppm	AOAC 2015.01	
Pesticide Residues			Not Detected	
Microbiological Test				
a	Total Plate Count	Max. 50000 cfu/g	USP 2021	Every batch
b	Yeast / Moulds / Fungi	Max. 10 ³ cfu/g	USP 2021	
c	Total coliforms	Max. 10 ³ cfu/g	ISO4832	
d	Salmonella	Absent/ 25g	USP 2022	
e	E. coli	Absent/ g	USP 62	

Prepared By: 	Checked By:- 	Approved By: 
Food safety team member:	Food safety team leader:	Plant Head

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INTENDED USE	
Intended use	This material is intended for further processing. Can be use as drug, household or other purpose
Ultimate day of use especially after breaking the package	Store product in full, tightly closed containers in a cool dry place away from heat and sunlight. Use before shelf life
Who will consume	General Population
Sensitive consumers	None
High-Risk Population	No
ADDITIONAL DECLARATIONS	
Use in production:	If the goods or any part thereof supplied under the contract are processed, altered or tampered with in any way by the buyer or receiver of the goods or any other person, the quality of the goods shall be deemed to be acceptable to the buyer. All customers' quality control checks are to be completed on the entire load prior to use in production or re-sale to 3rd parties in original state or as a blend.
Pesticide Statement:	We do not knowingly supply material containing pesticide residues above the legal maximum residue levels (MRL's), Codex recommendation or at a level that could cause a food safety risk under the Food Safety Act. Suppliers risk assess the materials supplied to us and where a pesticide issue is considered a risk the supplier arranges applicable testing and issuing of results before the materials are accepted by us. Where pesticide residues are assessed as 'low risk' the supplier may carry out random testing. Organic materials are guaranteed free from pesticides through a chain of approval and supplier assurances.
Allergen Statement	<p>We do store or handles allergens. The following products which are or may contain allergens are regularly handled by our supply chain. Handling procedures are in place to reduce the likelihood of allergens being present.</p> <ul style="list-style-type: none"> ▪ Celery ▪ Mustard ▪ Sesame



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