


**REGIONAL ANALYTICAL LABORATORY, ERNAKULAM**  
**DETAILS OF UNSAFE SAMPLES FOR APRIL 2022**

Sl. No	Name of product	Brand Name	Batch No.	Test Conducted	Contaminant Present	Result	Prescribed limit	Percentage Increase
1	Chilly powder	Swamis Super hot Chilli Powder	CBE:F88	AOAC 21st Edition Ch.10.1	Pesticides Ethion, Chlorpyrifos and Fenpropathrin present	Ethion : 0.48mg/kg Chlorpyrifos : 0.02 mg/kg Fenpropathrin : 0.25 mg/kg	Tolerance Limit - 0.01mg/kg	Ethion : 4700 Chlorpyrifos:100 Fenpropathrin : 2400
2	Coriander powder	No label	.....	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos : 0.02 mg/kg	Tolerance Limit - 0.01 mg/kg	100
3	Small cumin	No label	.....	AOAC 21st Edition Ch.10.1	Pesticides Chlorpyrifos and Quinalphos present	Chlorpyrifos -0.46 mg/kg Quinalphos - 0.03 mg/kg	Tolerance Limit - 0.01 mg/kg	Chlorpyrifos 4500 Quinalphos - 200
4	Synthetic vinegar	Green Chillies synthetic vinegar	120	FSSAI Lab Manual for Metals	Metal Lead present	Lead : 0.28 mg/kg	Not more than 0.1 mg/kg	180
5	Mixture	Karuna Chips SP MIXTURE	No batch number	In house developed, validated method	Synthetic food colour present	Tartrazine present	Synthetic colour not permitted	---
6	Chilly powder	KITCHEN TREASURES Chilli Powder	K210196A1	AOAC 21st Edition Ch.10.1	Pesticide Ethion present	Ethion : 0.20 mg/kg	Tolerance Limit - 0.01 mg/kg	1900
7	Chilly powder	No label	.....	AOAC 21st Edition Ch.10.1	Pesticides Bifenthrin Chlorpyrifos and Ethion present	Bifenthrin : 0.09 mg/kg Chlorpyrifos : 0.14mg/kg Ethion : 1.53 mg/kg present	Tolerance Limit - 0.01 mg/kg	Bifenthrin : 800 Chlorpyrifos : 1300 Ethion : 15200
8	Coriander powder	Eastern Coriander Powder	MA20122	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos : 0.41 mg/kg	Tolerance Limit - 0.01 mg/kg	4000

9	Coriander powder	MELAM PURE & AUTHENTIC coriander powder	C0721035	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos : 0.02 mg/kg	Tolerance Limit - 0.01 mg/kg	100
10	Pista cookies	No label	...	FSSAI Manual	Tartrazine exceeds the limit	144.3 mg/kg	100 mg/kg	44.3
11	Chilly dried	CEDAR Retail Pvt. Ltd	...	AOAC 21st Edition Ch.10.1	Pesticide Ethion present	Ethion : 0.90 mg/kg	Tolerance Limit - 0.01 mg/kg	800
12	Jaggery	CEDAR Retail Pvt. Ltd	..	In house developed, validated method	Synthetic colour Tartrazine present	Synthetic colour Tartrazine present	Synthetic colour not allowed	...
13	Synthetic Vinegar	POPULAR SYNTHETIC VINEGAR	TNK 01	FSSAI Manual	Mineral acid present	Mineral acid present	Mineral acid not allowed	...
14	Flavoured crackers	MAYORA Malkist Cheese Flavoured Crunchy Layered Crackers	TGRT 2009 2021	In house developed, validated method	Synthetic colour Tartrazine present	Synthetic colour Tartrazine present	Synthetic colour not allowed	...



  
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