

REGIONAL ANALYTICAL LABORATORY, ERNAKULAM
DETAILS OF UNSAFE SAMPLES FOR THE MONTH OF JULY 2022

Sl. No	Name of product	Brand Name	Batch No.	Test Conducted	Contaminant Present	Result	Prescribed limit	Percentage Increase
1	Chilly powder	KITCHEN TREASURES Chilli powder	AKBRE08B1	AOAC 21st Edition Ch.10.1	Pesticides Ethion Befenrtrin, Chlorpyrifos and Permethrin Exceeds the limit	Ethion- 0.60 mg/kg Befenrtrin- 0.08 mg/kg Chlorpyrifos-0.04mg/kg Permethrin- 0.02 mg/kg	Tolerance Limit - 0.01mg/kg	Ethion- 5900 Befenrtrin- 700 Chlorpyrifos- 300 Permethrin-100
2	fish masala	No label	----	AOAC 21st Edition Ch.10.1	Pesticides Ethion Befenrtrin, Chlorpyrifos, Lambda Cyhalothrin and Fenpropathrin Exceeds the limit	Ethion- 0.21 mg/kg Befenrtrin- 0.06 mg/kg Chlorpyrifos-0.02mg/kg Lambda cyhalothrin-0.07 mg/kg Fenpropathrin-0.11 mg/kg	Tolerance Limit - 0.01mg/kg	Ethion- 2000 Befenrtrin- 500 Chlorpyrifos- 100 Lambda cyhalothrin- 600 Fenpropathrin- 1000
3	Garam masala	No label	----	AOAC 21st Edition Ch.10.1	Pesticides Chlorpyrifos, Permethrin and Quinalphos Exceeds the limit	Chlorpyrifos- 0.02mg/kg Permethrin- 0.11 mg/kg Quinalphos- 0.04 mg/kg	Tolerance Limit - 0.01mg/kg	Chlorpyrifos-100 Permethrin - 1000 Quinalphos - 300
4	Chilly powder	NAMIBDI'S SUPERMARKET CHILLY POWDER	Absent	AOAC 21st Edition Ch.10.1	Pesticides Ethion Befenrtrin and Chlorpyrifos Exceeds the limit	Ethion- 1.0 mg/kg Befenrtrin- 0.02 mg/kg Chlorpyrifos- 0.02mg/kg	Tolerance Limit - 0.01mg/kg	Ethion- 9900 Befenrtrin- 100 Chlorpyrifos- 100
5	Vinegar	SPRIKLE SYNTHETIC VINEGAR	TNK 01	FSSAI Manual	Mineral acid present	Mineral acid present	Shall be absent	----
6	cumin whole	Tennis CUMIN	1	AOAC 21st Edition Ch.10.1	Living and dead insects - present Pesticides Chlorpyrifos Quinalphos and Ethion Exceeds the limit	Living and dead insects - present Chlorpyrifos - 0.09 mg/kg Quinalphos - 0.06 mg/kg Ethion - 0.05 mg/kg <i>Exceeds the limit</i>	Living and dead insects - Shall be absent Tolerance Limit - 0.01mg/kg	Chlorpyrifos - 800 Quinalphos - 500 m Ethion - 400
7	cumin whole	No label	----	AOAC 21st Edition Ch.10.1	Pesticides Chlorpyrifos, Dimethoate and Quinalphos Exceeds the limit	Chlorpyrifos-0.16 mg/kg Dimethoate- 0.08 mg/kg Quinalphos- 0.05 mg/kg	Tolerance Limit - 0.01mg/kg	Chlorpyrifos-1500 Dimethoate- 700 Quinalphos- 400

8	chilly powder	Eastern brand chilli powder	EG20021	AOAC 21st Edition Ch.10.1	Pesticide Bifenthrin and Ethion Exceeds the limit	Bifenthrin - 0.07 mg/kg Ethion - 0.42 mg/kg	Tolerance Limit - 0.01mg/kg	Bifenthrin - 600 Ethion - 4100
9	Gram flour	SACHIN FOOD PRODUCTS Gram flour	Absent	In house developed, validated method	Synthetic food colour Tartrazine present	Synthetic food colour Tartrazine present	Tartrazine not permitted
10	Marrinated Chicken	No label	---	In house developed, validated method	Synthetic food colour Sunset yellow FCF present	Synthetic food colour Sunset yellow FCF present	Shall be negative
11	Alfaham chicken	No label	---	In house developed, validated method	Synthetic food colour Sunset yellow FCF present	Synthetic food colour Sunset yellow FCF present	Shall be negative
12	Sterilised flavoured toned milk	HATSUN Milk Beverage	24FZA	RALE/FS/QC/SOP 01.01	Benzoate - present	Benzoate - 42.31 mg/kg	Benzoate- Shall be absent
13	Vinegar	SPRIKE SYNTHETIC VINEGAR	TNK 01	FSSAI Manual	Mineral acid present	Mineral acid present	Shall be absent	---
14	Cup cake	No label	---	RALE/FS/QC/SOP 01.01	Benzoate exceeds the limit	Benzoate - 1253.24 mg/kg	1000 mg/kg	25.32
15	Lemon Tea premix	café n tea lemon tea premix	LSS03	In house developed, validated method	Synthetic food colours Carmoisine, Sunset yellow FCF and Tartrazine present	Synthetic food colours Carmoisine, Sunset yellow FCF and Tartrazine present	Shall be negative

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