

Regional Analytical Laboratory, Ernakulam
LIST OF SAMPLES FOUND UNSAFE IN THE MONTH OF FEBRUARY 2022

Sl no	Name of the product	Brand name	Batch number	Test conducted	Contaminant present	Results (mg/kg)	Prescribed limit (mg/kg)	Percent increase
1	Sarkkara	GREENS SUPER MARKET BELLAM LOOSE	GSM 01	In-house validated method:- RALE/FS(T)SOP- 01.7/Issue No. 01/date 01.04.2015.; 2015	Sunset yellow & Tartrazine	Sunset yellow & Tartrazine - present	Shall be absent	-----
2	Strawberry cake	Royal FOODS Strawberry Cake	Absent	In house validated method, RALE/FS(QC)/SOP/01.01	Sorbate exceeds the limit	1962.23mg/kg	Recommended maximum level-1000 mg/kg	96.2
3	Kashmiri chilly powder	Raaha eatz KASHMIRI CHILLY POWDER	RSKCP 0001	AOAC 20th Edition Ch 10.1	Bifenthrin & Chlorpyriphos exceeds the limit	Bifenthrin -0.04mg/kg Chlorpyriphos -0.06 mg/kg	Bifenthrin and Chlorpyriphos - 0.01mg/kg	Bifenthrin- Chlorpyriph
4	Z-cafe Tea Premix	Z-cafe Tea Premix	T3	In-house validated method:- RALE/FS(T)SOP- 01.7/Issue No. 01/date 01.04.2015.; 2015	Carmoisine, Sunset yellow & Tartrazine present	Carmoisine, Sunset yellow & Tartrazine present	Shall be absent
5	Jaggery cube	Dr. Brand Jaggery Cube	TMS::JCE1	Visual	Mould growth	Mould growth- present	Shall be absent
6	Chilly powder	Eastern Chilly Powder	MA10127	AOAC 20th Edition Ch 10.1	Ethion & Bifenthrin	Ethion 0.27mg/kg & Bifenthrin -0.05mg/	Tolerance limit of Ethion & Bifenthrin 0.01mg/Kg	Ethion - 26 Bifenthrin -

7	Chilly powder	No label	AOAC 20th Edition Ch 10.1	Ethion, Bifenthrin & Chlorpyrifos exceeds the limit	Ethion - 0.07mg/kg, Bifenthrin- 0.05mg/kg & Chlorpyrifos- 0.04mg/kg	Tolerance limit of Ethion, Bifenthrin & Chlorpyrifos - 0.01mg/kg	Ethion - 600, Bifenthrin 400 & Chlorpyrifos 300
8	Dates	OMAN	Absent	Visual	Living insect - present	Living insect - present	Shall be absent	-----
9	Meat masala	Hyza Meat Masala	MM26A22A	AOAC 20th Edition Ch 10.1	Bifenthrin, Chlorpyrifos, Ethion & HCH, delta exceeds the limit	Bifenthrin 0.02mg/kg, Chlorpyrifos- 0.05mg/kg, Ethion 0.12mg/kg & HCH, delta 0.03mg/kg	Tolerance limit of Ethion, Bifenthrin, Tolerance limit of Chlorpyrifos & Ethion 0.01mg/Kg	Bifenthrin - 400, Chlorpyrifos 400, Ethion - & HCH, delta
10	Chilly	No label		AOAC 20th Edition Ch 10.1	Ethion & Bifenthrin	Ethion - 0.23mg/kg & Bifenthrin 0.08mg/kg	Tolerance limit of Ethion and Bifenthrin - 0.01mg/kg	Ethion - 220 Bifenthrin -
11	Chilly with stem	No label	---	AOAC 20th Edition Ch 10.1	Ethion & Malathion exceeds the limit	Ethion 0.55mg/kg & Malathion 0.02mg/kg	Tolerance limit of Ethion and Malathion - 0.01mg/kg	Ethion - 540 Malathion -
12	Dry chilli	No label		AOAC 20th Edition Ch 10.1	Bifenthrin & Chlorpyrifos exceeds the limit	Bifenthrin 0.1mg/kg & Chlorpyrifos 0.08mg/kg	Tolerance limit of Bifenthrin and chlorpyrifos - 0.01mg/kg	Bifenthrin - 500 Chlorpyrifos 700
13	Cumin seeds	No label		AOAC 20th Edition Ch 10.1	Chlorpyrifos exceeds the limit	Chlorpyrifos - 0.02mg/kg	Tolerance limit of chlorpyrifos - 0.01mg/kg	Chlorpyrifos 100

14	Nutrimix	Amruthum Nutrimix	98	FSSAI Manual for Mycotoxin 07.009.2020	Aflatoxin B1 27.94 exceeds the limit	Aflatoxin B1 27.94 microgram /kg	Not more than 10 microgram/kg	179.4
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