

**Regional Analytical Laboratory, Ernakulam**  
**LIST OF SAMPLES FOUND UNSAFE IN THE MONTH OF NOVEMBER 2021**

Sl no	Name of the product	Brand name	Batch number	Test conducted	Contaminant present	Results (mg/kg)	Prescribed limit (mg/kg)	Percentage increase
1	Chicken 65	No Label	...	In-house validated method:- RALE/FS(T)SOP- 01.7/Issue No. 01/date 01.04.2015,: 2015	Sunset yellow FCF	Sunset yellow FCF	Shall be absent	...
2	Jaggery	Saravanas Marayoor Sarkkara	P11	In-house validated method:- RALE/FS(T)SOP- 01.7/Issue No. 01/date 01.04.2015,: 2015	Tartrazine&Brilliant blue FCF	Tartrazine&Brilliant blue FCF	Shall be absent	...
3	Apple	No label	...	AOAC 20th Edition Ch 10.1	Fenpropathrin	Fenpropathrin-0.11mg/kg	Tolerance limit - 0.01 mg/kg	1000
4	Tea rusk	TEA RUSK 170 GM	N1 01	In-house validated method:- RALE/FS(T)SOP- 01.7/Issue No. 01/date 01.04.2015,: 2015	Tartrazine	Tartrazine	Shall be absent	...
5	കോവയ്ക്ക	No label	...	AOAC 20th Edition Ch 10.1	Cypermethrin-	Cypermethrin-0.06mg/kg	Tolerance limit - 0.01 mg/kg	500

6	Plum cake	Olio premium plum cake	K02	In house validated method RALE/FS(QC)/SOP/01.01	Sorbate as sorbic acid exceeds the limit	Sorbate-1296.32 mg/kg	Recommended maximum level - 1000 mg/kg	29.632
7	Lime Pickle	Varrier Lime Pickle	C04	In house validated method RALE/FS(QC)/SOP/01.01	Benzoate as benzoic acid exceeds the limit	Benzoate-329.66 mg/kg	Recommended maximum level - 1000 mg/kg	31.864
8	English cucumber	No label	...	AOAC 20th Edition Ch 10.1	Lambda cyhalothrin	Lambda cyhalothrin -0.05 mg/kg	Tolerance limit - 0.01 mg/kg	400
9	Apple	No label	....	AOAC 20th Edition Ch 10.1	Lambda cyhalothrin	Lambda cyhalothrin -0.06 mg/kg	Tolerance limit - 0.01 mg/kg	500
10	Sambar powder	KITCHEN TREASURES Sambar Powder	BH21644	AOAC 20th Edition Ch 10.1	Bifenthrin	Bifenthrin-0.07 mg/kg	Tolerance limit - 0.01 mg/kg	600
11	Vanaspati	Dalda THE ORIGINAL VANASPA TI	TR0621 (145)3216	FSSAI Lab Manual for metals method no.5	Nickel	Nickel-1.89 mg/kg	Not more than 1.5 mg/kg	26
12	Vanaspati	Dalda THE ORIGINAL VANASPA TI	TR0 521(1	FSSAI Lab Manual for metals method no.5	Nickel	Nickel-1.89 mg/kg	Not more than 1.5 mg/kg	26

13	Fennel	Chattas Fennel	CFFS-499	AOAC 20th Edition Ch 10.1	Chlorpyriphos	Chlorpyriphos-0.12 mg/kg	Tolerance limit - 0.01 mg/kg	1100
14	Ambri apple	No label	...	AOAC 20th Edition Ch 10.1	Chlorpyriphos	Chlorpyriphos-0.97 mg/kg	Tolerance limit-0.01 mg/kg	9600
15	Kera fish pickle	SPICE JAR KERA FISH PICKLE	001	In house validated method RALE/FS(QC)/SOP/01.01	Benzoate as benzoic acid exceeds the limit	Benzoate-2799.86 mg/kg	Recommended maximum level - 1000 mg/kg	179.986
16	Chilli powder	TASTE OF NATURE Greenmount chilly Powder	CH-07/3	AOAC 20th Edition Ch 10.1	Chlorpyriphos, Ethion	Chlorpyriphos-.03 mg/kg	Tolerance limit -0.01 mg/kg	200
						Ethion-1.59 mg/kg	Tolerance limit -0.01 mg/kg	15800
17	Coriander powder	Eastern Coriander Powder	MRJX 002	AOAC 20th Edition Ch 10.1	Chlorpyriphos	Chlorpyriphos-0.02 mg/kg	Tolerance limit -0.01 mg/kg	100
18	Coriander powder	Eastern Coriander Powder	MKA1035	AOAC 20th Edition Ch 10.2	Chlorpyriphos	Chlorpyriphos-0.07 mg/kg	Tolerance limit -0.01 mg/kg	600
19	Rusk	No label		In-house validated method:- RALE/FS(T)SOP-01.7/Issue No. 01/date 01.04.2015, : 2015	Carmoisine	Carmoisine	Shall be absent	...
20	Chilly powder	NIRAPARA CHILLY POWDER	FCHP210	AOAC 20th Edition Ch 10.2	Chlorpyriphos, Ethion	Chlorpyriphos-0.03 mg/kg	Tolerance limit -0.01 mg/kg	200
						Ethion-0.04 mg/kg	Tolerance limit -0.01 mg/kg	300

21	Coriander powder	KITCHEN TREASURES 100 % Coriander Powder	H216184A	AOAC 20th Edition Ch 10.3	Bifenthrin, Chlorpyrifos	Bifenthrin-0.12 mg/kg	Tolerance limit -0.01 mg/kg	1100
		Chlorpyrifos-0.07 mg/kg				Tolerance limit -0.01 mg/kg	600	
22	Coriander powder	NIRAPARA CORIANDER POWDER	FCRP210	AOAC 20th Edition Ch 10.3	Chlorpyrifos	Chlorpyrifos-.03 mg/kg	Tolerance limit -0.01 mg/kg	200
23	Coriander powder	NIRAPARA CORIANDER POWDER	FCRP210	AOAC 20th Edition Ch 10.4	Chlorpyrifos, Ethion	Chlorpyrifos-0.04 mg/kg	Tolerance limit -0.01 mg/kg	300
						Ethion-0.03 mg/kg	Tolerance limit -0.01 mg/kg	200
24	Avil mixture	No label	...	In-house validated method:- RALE/FS(T)SOP-01.7 /Issue No. 01/date 01.04.2015,:	Tartrazine	Tartrazine	Shall be absent	...
25	Vanpayar	No label	...	Visual	Dead & Living insect	Dead & Living insect present	Shall be absent	...
26	Mixture	ARADHAN A Bakes & Cakes	Nil	In-house validated method:- RALE/FS(T)SOP-01.7 /Issue No. 01/date 01.04.2015,:	Tartrazine	Tartrazine	Shall be absent	...
27	Mixture	No label	...	In-house validated method:- RALE/FS(T)SOP-01.7 / Issue No. 01/date 01.04.2015,:	Tartrazine	Tartrazine	Shall be absent	...

Chilli powder	KITCHEN TREASURES 100% Chilli Powder	AD212907	AOAC 20th Edition Ch 10.4	Chlorpyriphos, Ethion	Chlorpyriphos-0.06 mg/kg Ethion-0.81 mg/kg	Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg	500 8000
Chilli powder	Eastern Chilly Powder	MA10069	AOAC 20th Edition Ch 10.5	Chlorpyriphos, Ethion	Chlorpyriphos-0.02 mg/kg Ethion-0.46mg/kg	Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg	100 4500
Tea dust	No label		FSSAI Manual of methods of analysis of foods (spices & condiments)	Iron filings exceeds the limit	Iron filings -402.24 mg/kg	Not more than 250	60.89
Chilli powder	Pavizham Chilli Powder	CPR21KA	AOAC 20th Edition Ch 10.5	Chlorpyriphos, Ethion, Malathion	Chlorpyriphos-0.17 mg/kg Ethion-0.13 mg/kg Malathion-.03 mg/kg	Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg	1600 1200 200
Kasmiri chilli powder	UniTaste KASHMIRI CHILLI POWDER	UTC/27/0	AOAC 20th Edition Ch 10.5	Bifenthrin, Ethion, Chlorpyriphos, Fenpropathrin	Ethion-0.23 mg/kg Bifenthrin-.26 mg/kg Chlorpyriphos-0.07 mg/kg Fenpropathrin-0.35mg/kg	Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg	2200 2500 6000 3400
Kasmiri chilli powder	Eastern Kashmiri Chilly Powder	MA10133	AOAC 20th Edition Ch 10.5	Bifenthrin, Ethion, Chlorpyriphos, Permethrin	Ethion-0.24 mg/kg Bifenthrin-.13 mg/kg Chlorpyriphos-0.08 mg/kg Permethrin-0.35mg/kg	Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg Tolerance limit -0.01 mg/kg	2300 1200 700 3400



A handwritten signature in green ink, appearing to be "S. S. S. S.", written in a cursive style.

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