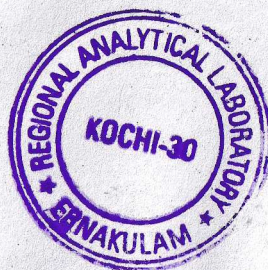


REGIONAL ANALYTICAL LABORATORY, ERNAKULAM
DETAILS OF UNSAFE SAMPLES FOR THE MONTH OF JUNE 2022

Sl. No	Name of product	Brand Name	Batch No.	Test Conducted	Contaminant Present	Result	Prescribed limit	Percentage Increase
1	Laddu Mani	No label	---	FSSAI Manual of Food Additives Method No. 4.2	Tartrazine exceeds the limit	Tartrazine - 196.8 mg/kg	Maximum Recommended level 100 mg/kg	96.8
2	Vinegar	No label	----	FSSAI Manual	Mineral acid present	Mineral acid present	Shall be absent	---
3	Coriander powder	Brahmins CORIANDER POWDER	C0240322	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos - 0.02 mg/kg	Tolerance Limit -0.01 mg/kg	100
4	Coriander powder	Swamis Premium Coriander Powder	CBE.F93	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos - 0.04 mg/kg	Tolerance Limit -0.01 mg/kg	300
5	Chicken masala	Ajmi Chicken Masala	CF0505	AOAC 21st Edition Ch.10.1	Pesticide Ethion present	Ethion : 0.14 mg/kg	Tolerance Limit - 0.01mg/kg	1300
6	Cut mango pickle	Malayil Cut Mango Pickle	09/1005	In house validated method RALE/FS (QC)/SOP/01.01	Benzoate as Benzoic acid Exceeds the limit	Benzoate as Benzoic acid - 557.75 mg/kg	Maximum Recommended level -250 mg/kg	123.1
7	Fennel seed	No label	---	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos and Ethion Exceeds the limit	Chlorpyrifos - 0.05 mg/kg Ethion - 0.04 mg/kg	Tolerance Limit - 0.01mg/kg	Chlorpyrifos 400 Ethion - 300
8	Bengali Mixture	calicut sweets BENGALI MIXTURE	YC024	In house developed, validated method	Synthetic food colour Tartrazine present	Synthetic food colour Tartrazine present	Tartrazine not permitted
9	Bread	Aramana Bakes BREAD	----	VISUAL	Mould growth present	Mould growth present	Shall be absent
10	Marinated 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	Coriander powder	Saras Coriander Powder	04	AOAC 21st Edition Ch.10.1	Pesticide Chlorpyrifos present	Chlorpyrifos - 0.04 mg/kg	Tolerance Limit -0.01 mg/kg	300

12	Mixture	everyday BAKES BOONDHI MIXTURE	O6224912	In house developed, validated method	Synthetic food colour Tartrazine present	Synthetic food colour Tartrazine present	Tartrazine is not permitted
13	Jaggery	No label	---	In house developed, validated method	Synthetic food colour Sunset Yellow FCF present	Synthetic food colour Sunset Yellow FCF present	Shall be negative
14	Marinated 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
15	Chilly powder	Saras AGMARK Chilly Powder	10	AOAC 21st Edition Ch.10.1	Pesticides Befenthrin, Chlorpyriphos Ethion, Permethrin Exceeds the limit	Befenthrin- 0.06 mg/kg Chlorpyriphos- 0.07 mg/kg Ethion-0.51 mg/kg, Permethrin-0.02 mg/kg	Tolerance Limit - 0.01mg/kg	Befenthrin - 5 Chlorpyripho 600, Ethion-50 mg/kg, Permethrin-1
16	inaz	PRABHATH BAKERY inaz	2	In house developed, validated method	Synthetic food colour Tartrazine present	Synthetic food colour Tartrazine present	Tartrazine not permitted
17	Chilly powder	Kanchana CHILLI POWDER	22123	AOAC 21st Edition Ch.10.1	Pesticides Befenthrin, Chlorpyriphos and Ethion Exceeds the limit	Befenthrin - 0.08 mg/kg Chlorpyriphos- 0.06 mg/kg Ethion-0.31 mg/kg,	Tolerance Limit - 0.01mg/kg	Befenthrin - 7 Chlorpyripho 500, Ethion-30
18	Coriander powder	No label	---	AOAC 21st Edition Ch.10.1	Pesticide Ethion present	Ethion - 0.03 mg/kg	Tolerance Limit -0.01 mg/kg	200



[Handwritten Signature]
GOVERNMENT ANALYST
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