**LIST OF SAMPLES FOUND UNSAFE IN THE MONTH OF JULY 2022**

**SPICES & CONDIMENTS**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Name of the product** | **Brand name** | **Batch number** | **Test conducted** | **Contaminants present** | **Result****(mg/kg)** | **Prescribed limit (mg/kg)** | **Percentage increase** |
| 1 | Chilly whole | No label |  | 05.07.2022 | Chlorfenson covex, Ethion | 0.014mg/Kg0.055mg/Kg | 0.01mg/Kg0.01mg/Kg | 40450 |
| 2 | Chilly whole | No label |  | 14.07.2022 | Ethion | 0.062mg/Kg | 0.01mg/Kg | 520 |
| 3 | Chilly powder | Spices | 86 | 14.07.2022 | Ethion | 0.037mg/Kg | 0.01mg/Kg | 270 |
| 4 | Kashmiri Chilly powder | Uni Taste | UTC/28/039 | 14.07.2022 | Ethion | 0.418mg/Kg | <0.01mg/Kg | 4080 |
| 5 | Chilly whole | No label |  | 14.07.2022 | Ethion, Profenofos | 2.932mg/Kg0.039mg/Kg | <0.01mg/Kg<0.01mg/Kg | 29220290 |
| 6 | Cumin | Treasures | AF 227209 E1 | 16.07.2022 | Etion | 0.108mg/Kg | <0.01mg/Kg | 980 |
| 7 | Turmeric powder | Mariyam Spices | IAL/331 | 19.07.2022 | Cadmium, CU | 0.145mg/Kg, 902mg/Kg | <0.01mg/Kg<5.0mg/Kg | 135084 |
| 8 | Coriander Whole | No label |  | 27.07.2022 | Acetamiprid, Tebuconazole | 0.056mg/Kg0.059mg/Kg | <0.01mg/Kg<0.01mg/Kg | 460490 |
| 9 | Coriander Whole | No label |  | 26.07.2022 | Tebuconazole | 0.017mg/Kg | <0.01mg/Kg | 70 |
| 10 | Chilly powder | Kitchen Treasures Chillipowder | AKBRE0881 | AOAC 21st Edition Ch.10.1 | Pesticides Ethion, Befenthrin, Chlorpyriphos and PermethrinExceeds the limit | Ethion 0.60mg/KgBefenthrin – 0.08 mg/KgChlorpyriphos – 0.04mg/Kg permethrin – 0.02mg/Kg | Tolerance limit 0.01mg/Kg | Ethin – 5900Befenthrin – 700Chlorpyriphos – 300Permethrin - 100 |
| 11 | Fish Masala | No label |  | AOAC 21st Edition Ch.10.1 | Pesticides Ethion, Befenthrin, Chlorpyriphos, Lambda Cyhalothrin and Fenpropathrin Exceeds the limit | Ethion – 0.21mg/KgBefenthrin – 0.06 mg/kgChlorpyriphos – 0.02mg/KgLambda Cyhalothrin-0.07mg/Kg, Fenpropathrin * 0.11mg/Kg
 | Tolerance limit 0.01mg/Kg | Ethion – 2000Befenthrin – 500 mg/kgChlorpyriphos – 100Lambda Cyhalothrin-600 Fenpropathrin -1000 |
| 12 | Garam masala | No label |  | AOAC 21st Edition Ch.10.1 | Pesticides, Chlorpyriphos, Permethrin and Quinalphos exceeds the limit | Chlorpyriphos – 0.02mg/KgPermethrin-0.11mg/KgQuinalphos – 0.04mg/Kg | Tolerance limit 0.01mg/Kg | Chlorpyriphos – 100Permethrin-1000Quinalphos – 300 |
| 13 | Chilly powder | Nambidis Supermarket Chilly powder | Absent | AOAC 21st Edition Ch.10.1 | Pesticides Ethion Befenthrin and Chlorpyriphos Exceeds the limit | Ethion 1.0mg/KgBefenthrin 0.02mg/KgChlorpyriphos0.021mg/Kg  | Tolerance limit 0.01mg/Kg | Ethion -9900Befenthrin -100Chlorpyriphos -100 |
| 14 | Cumin whole | Tennis Cumin | 1 | AOAC 21st Edition Ch.10.1 | Living and dead insects, present pesticides chlorpyriphos, Quinalphos and Ethin exceeds the limit | Living and dead insects, present chlorpyriphos- 0.09 mg/Kg, Quinalphos – 0.05mg/Kg Ethin – 0.05mg/Kg  | Living and dead insects shall be absentTolerance Limit – 0.01mg/Kg | chlorpyriphos - 800Quinalphos – 500m Ethion - 400 |
| 15 | Cumin whole | No label |  | AOAC 21st Edition Ch.10.1 | Pesticides, Chlorpyriphos, Dimethoate and Quinalphos Exceeds the limit | Chlorpyriphos- 0.16 mg/Kg, Dimethoate – 0.08mg/Kg Quinalphos – 0.05mg/Kg | Tolerance limit 0.01mg/Kg | Chlorpyriphos- 1500 Dimethoate – 700 Quinalphos – 400 |
| 16 | Chilly powder | Eastern brand chilli powder | EG20021 | AOAC 21st Edition Ch.10.1 | Pesticide Bifenthrin and Ethion Exceeds the limit | Bifenthrin – 0.07mg/KgEthin – 0.42 mg/Kg | Tolerance limit 0.01mg/Kg | Bifenthrin – 600Ethion – 4100 |
| 17 | Chilly powder | Melam Pure & Authentic pure spices  | A0522035 | Pesticide | Ethion | 0.629 | 0.01 | 6190 |
| 18 | Chilli Whole | No label | NA | Pesticide | Ethion | 1.354 | 0.01 | 13440 |