**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/Kg  0.055mg/Kg | 0.01mg/Kg  0.01mg/Kg | 40  450 |
| 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/Kg  0.039mg/Kg | <0.01mg/Kg  <0.01mg/Kg | 29220  290 |
| 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 | 1350  84 |
| 8 | Coriander Whole | No label |  | 27.07.2022 | Acetamiprid, Tebuconazole | 0.056mg/Kg0.059mg/Kg | <0.01mg/Kg  <0.01mg/Kg | 460  490 |
| 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 Permethrin  Exceeds the limit | Ethion 0.60mg/Kg  Befenthrin – 0.08 mg/Kg  Chlorpyriphos – 0.04mg/Kg permethrin – 0.02mg/Kg | Tolerance limit 0.01mg/Kg | Ethin – 5900  Befenthrin – 700  Chlorpyriphos – 300  Permethrin - 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/Kg  Befenthrin – 0.06 mg/kg  Chlorpyriphos – 0.02mg/Kg  Lambda Cyhalothrin-0.07mg/Kg,  Fenpropathrin   * 0.11mg/Kg | Tolerance limit 0.01mg/Kg | Ethion – 2000  Befenthrin – 500 mg/kg  Chlorpyriphos – 100  Lambda 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/Kg  Permethrin-0.11mg/  Kg  Quinalphos – 0.04mg/Kg | Tolerance limit 0.01mg/Kg | Chlorpyriphos – 100  Permethrin-1000  Quinalphos – 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/Kg  Befenthrin 0.02mg/Kg  Chlorpyriphos0.021mg/Kg | Tolerance limit 0.01mg/Kg | Ethion -9900  Befenthrin -100  Chlorpyriphos -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 absent  Tolerance Limit – 0.01mg/Kg | chlorpyriphos - 800  Quinalphos – 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/Kg  Ethin – 0.42 mg/Kg | Tolerance limit 0.01mg/Kg | Bifenthrin – 600  Ethion – 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 |