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

**SPICES AND 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 powder | Brahmins | CHO50821 | 03-02-2022 | Profenofos present | 0.089mg/kg | 0.01mg/kg | 790 |
| 2. | Coriander powder | brahmins | CO121121 | 05-02-2022 | Tebuconazole | 0.047mg/kg | 0.01mg/kg | 370 |
| 3. | Chilly powder | Dhanya | 06A22 | 03-02-2022 | Ethion, profanofos | 1.565mg/kg  0.098mg/kg | 0.01mg/kg | 15550  880 |
| 4. | Kashmiri chilly powder | Devon | KCL08/21 | 04-02-2022 | Ethion, Malathion | 0.0183mg/kg  0.012 mg/kg | 0.01mg/kg | 83  20 |
| 5. | Chilly powder | quality | 11A | 07-02-2022 | Carbendazim,  Methamidophos,  Propanocarb,  Chlorenteiiprole,  tricyclazole | 0.745 mg/kg  0.024 mg/kg  0.255 mg/kg  0.029 mg/kg  0.012 mg/kg | 0.01mg/kg | 7350  140  2450  190  20 |
| 6. | Chilly powder | Kitchen treasures | AKRGL01A1 | 07-02-2022 | Carbendazim,  Profenofos  Propanocarb  Chlorenteiniprole Ethion | 0.057 mg/kg  0.063 mg/kg  0.038 mg/kg  0.013 mg/kg  0.54 mg/kg | 0.01mg/kg | 470  530  280  30  5300 |
| 7. | Coriander powder | melam | C1221004 | 22-02-2022 | Tebuconozole | 0.149 mg/kg | 0.01 mg/kg | 1390 |
| 8. | Kashmiri chilly powder | Raaha eatz kashmiri chilly powder | RSKCP 0001 | AOAC 20th Edition ch 10.1 | Bifenthrin & chlorpyriphos exeeds the limit | Bifenthrin -0.04 mg/kg  Chlorpyriphos -0.06 mg/kg | Bifenthrin & chlorpyriphos-0.01 mg/kg | Bifenthrin & chlorpyriphos |
| 9. | Chilly powder | Eastern chilly powder | MA10127 | AOAC 20th Edition ch 10.1 | Ethion Bifenthrin | Ethion-0.27mg/kg  Bifenthrin-0.05mg/kg | Tolerance limit of ethion & Bifenthrin 0.01mg/kg | Ethion -26  Bifenthrin |
| 10. | Chilly powder | No label | ---- | AOAC 20th Edition ch 10.1 | Ethion,Bifenthrin & chlorpyriphos exeeds the limit | Ethion-0.07mg/kg  Bifenthrin -0.05mg/kg  Chlorpyriphos-0.04mg/kg | Tolerance limit of ethion & Bifenthrin&chlorpyriphos - 0.01mg/kg | Ethion -600  Bifenthrin-400  Chlorpyriphos -300 |
| 11. | Meat Masala | Hyza Meat Masala | MM26A22A | AOAC 20th Edition ch 10.1 | Ethion,Bifenthrin,chlorpyriphos & HCH,delta exeeds the limit | Bifentrin-0.02mg/kg,  Chlopyriphos-0.05mg/kg  Ethion -0.12mg/kg &HCH,delta -0.03mg/kg | Tolerance limit of ethion & Bifenthrin,  Tolerance limit of ethion & chlorpyriphos - 0.01mg/kg | Bifenthrin  Chorpyriphos-400  Ethion  HCH ,delta |
| 12. | Chilly | No label |  | AOAC 20th Edition ch 10.1 | Ethion &Bifenthrin | Ethion -0.23mg/kg  Bifenthrin -0.08mg/kg | Tolerance limit of ethion & Bifenthrin 0.01mg/kg | Ethion -220  Bifenthrin |
| 13. | Chilly with stem | No label |  | AOAC 20th Edition ch 10.1 | Ethion & Malathion exeeds the limit | Ethion -0.55mg/kg  Malathion -0.02mg/kg | Tolerance limit of ethion & Malathion 0.01mg/kg | Ethion -540  Malathion |
| 14. | Dry Chilly | No label |  | AOAC 20th Edition ch 10.1 | Bifenthrin & chlorpyriphos exeeds the limit | Bifenthrin 0.1mg/kg&  Chlorpyriphos -0.08mg/kg | Tolerance limit of Bifenthrin & chlorpyriphos-0.01 mg/kg | Bifenthrin -9  Chlorpyriphos-700 |
| 15. | Cumin seeds | No label |  | AOAC 20th Edition ch 10.1 | Chlorpyriphos exeeds the limit | Chlorpyriphos -0.02mg/kg | Tolerance limit of chlorpyriphos -0.01mg/kg | Chlorpyriphos -100 |
| 16. | Chilli powder  Code no.41630  Lab no. 21964  FSO Vengara,malappuram dst | Eastern ,efastern condiments, adilami | MA10124 | Resticide residue | Ethion | 0.954 | 0.01 | 9440 |
| 17. | Chilli powder  Code no.41641  Lab no. 22057  FSO Perinthalmanna,malappuram dst | Nirapara  KKR products and marketing okkal Perumbavoor ernakulam | FCHP2100042 | Pesticide residue | Ethion | 0.023 | 0.01 | 130 |
| 18. | Chilli whole Code no.43348  Lab no. 22048  FSO Kozhikode south,ozhikode dst | No label | Nil | Pesticide | Ethion | 0.02 | 0.01 | 100 |
| 19. | Meat Masala Code no.41645  Lab no. 22104  FSO Malappuram,Malappuram dst | Eastern ,efastern condiments, adilami | AA13077 | Pesticide residue | Ethion | 0.022 | 0.01 | 120 |