**LIST OF SAMPLES FOUND UNSAFE IN THE MONTH OF mARCH 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. | Cumin | More choice | 9985773 | 05-02-2022 | Tebuconazole Profanofos | 0.037mg/kg  0.997mg/kg | 0.01mg/kg  0.01mg/kg | 270  9870 |
| 2. | Coriander Whole | Nil | Nil | 19-03-2022 | Ethion | 0.559mg/kg | 0.01mg/kg | 5490 |
| 3. | Chilly whole | No label | Absent | AOAC 21st Edition ch.10.1 | Pesticides Chlorpiryfos and ethion exeeds the limit | Chlorpyrifos -0.32 mg/kg  Ethion 0.97 mg/kg | 0.01mg/kg  0.01mg/kg | 3100  9600 |
| 4. | Chilly powder | Devon Chilli powder | CL 12/21 | AOAC 21st Edition ch.10.1 | Pesticides Bifenthrin and Ethion exeeds the limit | Bifenthrin 0.12 mg/kg  Ethion 0.31 mg/kg | 0.01mg/kg  0.01mg/kg | 1100  3000 |
| 5. | Chilly whole | No label | Absent | AOAC 21st Edition ch.10.1 | Pesticides Bifenthrin and ethion exeeds the limit | Bifenthrin-0.03 mg/kg  Ethion 0.02 mg/kg | 0.01mg/kg  0.01mg/kg | 200  100 |
| 6. | Chilly whole | No label | Absent | AOAC 21st Edition ch.10.1 | Insectiside chlorpyriphos exeeds the limit | Chlopyriphos -0.22 mg/kg | 0.01mg/kg | 2100 |
| 7. | cassia | No label | Absent | AOAC 21st Edition ch.10.1 | Pesticide Permethrin Present | 0.03 mg/kg | 0.01 mg/kg | 200 |
| 8. | Cassia | No label | Absent | AOAC 21st Edition ch.10.1 | Pesticide Chlorpyrifos Present | 0.02 mg/kg | 0.01 mg/kg | 100 |
| 9. | Cassia Whole | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticiode Chlorpyrifos Exceeds the limit | chlopyriphos0.03mg/kg | 0.01 mg/kg | 200 |
| 10. | Cardamom Whole | No label | Absent | In house developed, Validated method AOAC 21st Edition ch.10.1 | Synthetic colour, Brilliant Blue FCF, Tartrazine Present  Insecticide residues Quilalphos ,Ethion,Chorpyriphos,Bifenthrin exeeds the limit | Synthetic colour, Brilliant Blue FCF, Tartrazine Present  Ethion -0.13 mg/kg  Quilalphos -0.13 mg/kg  Chorpyriphos -0.13 mg/kg  Bifenthrin -0.11 mg/kg | Colour not permitted  0.01 mg/kg  0.01 mg/kg  0.01 mg/kg  0.01 mg/kg | 1200  1200  1200  1000 |
| 11. | Chilly whole | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide Chlorpyriphos exceeds the limit | Chlopyriphos -0.08mg/kg | 0.01 mg/kg | 700 |
| 12. | Chilly Powder | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide Chlorpyriphos and Ethion exceeds the limit | Chlopyriphos -0.02mg/kg  Ethion -0.02 mg/kg | 0.01 mg/kg  0.01 mg/kg | 100  100 |
| 13. | Chilly Powder | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide Chlorpyriphos and Ethion exceeds the limit | Chlopyriphos -0.02mg/kg  Ethion -0.02 mg/kg | 0.01 mg/kg  0.01 mg/kg | 100  100 |
| 14. | Chilly Powder | Raj Products  മുളക്പ്പൊടി | C4 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos and Bifenthrin exceeds the limit | Ethion -0.13 mg/kg  Chorpyriphos -0.53 mg/kg  Bifenthrin -0.05 mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg | 1200  5200  400 |
| 15. | Chilly Powder | Kitchen Treasures chilly powder | A222507A1 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos,Bifenthrin and permethrin exceeds the limit | Ethion -0.39mg/kg  Chorpyriphos -0.02 mg/kg  Bifenthrin -0.06mg/kg  Permethrin -0.05 mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg  0.01 mg/kg | 3800  100  500  400 |
| 16. | Coriander whole | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos, exceeds the limit | Ethion -0.02 mg/kg  Chorpyriphos-0.03 mg/kg | 0.01 mg/kg  0.01 mg/kg |  |
| 17. | Chilly Powder | Eastern chilly powder | MA20024 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos,Bifenthrin exceeds the limit | Ethion -0.72mg/kg  Chorpyriphos -0.06 mg/kg  Bifenthrin -0.08mg/kg  Permethrin -0.05 mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg |  |
| 18. | CorianderPowder | Eastern Coriander Powder | MA20064 | AOAC 21st Edition ch.10.1 | Insecticide residues Chlorpyriphos exceeds the limit | Chorpyriphos -0.12 mg/kg | 0.01 mg/kg |  |
| 19. | Chilly Powder | Kitchen Treasures chilly powder | A222729A1 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos,Bifenthrin and permethrin exceeds the limit | Ethion -0.50mg/kg  Chorpyriphos -0.04mg/kg  Bifenthrin -0.09mg/kg  Permethrin -0.02 mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg  0.01 mg/kg |  |
| 20. | Chilly Masala | MASALA | JIUNKKL | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion, Bifenthrin exceeds the limit | Ethion -0.09mg/kg  Chorpyriphos -0.03mg/kg  Bifenthrin -0.02mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg |  |
| 21. | Chilly Powder | RED2 Green FOODS |  | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos, and Fenpropathrin exceeds the limit | Ethion -0.05mg/kg  Chorpyriphos -1.40mg/kg  Fenpropathrin -0.77mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg |  |
| 22. | Chilly Powder | Karthika Chilly powder | B140322 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos,Bifenthrin exceeds the limit | Ethion -0.40mg/kg  Chorpyriphos -0.07mg/kg  Bifenthrin -0.22mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg |  |
| 23. | Chilly Powder | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos,Bifenthrin exceeds the limit | Ethion -1.39mg/kg  Chorpyriphos -0.02mg/kg  Bifenthrin -0.07mg/kg | 0.01 mg/kg  0.01 mg/kg  0.01 mg/kg | 13800  100  600 |
| 24. | Chilli Powder  Code no. 43295  Lab no: 22159  FSO Beypore Kozhikode | Smarter Byudgi  Smarter Traders, Vallikkunnu, Malappuram 673314 | Absent | Pesticide | Ethion | 0.145 | 0.01 | 1350 |
| 25. | Chilli Powder  Code no. 41649  Lab no: 22173  FSO Kozhikode north, Kozhikode Dst | CHARMS  Chilly Powder  Sharafiys food Processing Exports,Punnappala,Malappuram dst | J34 | Pesticide | Ethion | 0.356 | 0.01 | 3460 |
| 26. | Meat Masala  Code no. 41645  Lab no: 22104  FSO Malappuram Dst | Eastern condiments Pvt Ltd, Adimali | AA13077 | Pesticide | Ethion | 0.022 | 0.01 | 120 |
| 27. | Garam Masala  Code no. 34980  Lab no: 22242  FSO Manjeswaram,Kasargod Dst | Teju super | 83 | Pesticide | Ethion  Chlorpyriphos | 0.350  0.093 | 0.01  0.01 | 3400  853 |
| 28. | Corriander Powder  Code no. 34281  Lab no: 22260  FSO Kuthuparamba,Kannur Dst | Supernova  AMS spices and Food products, Manjeri | BN4 | Resticide Residue | Chlorpyriphos | 0.284 | 0.01 | 2740 |
| 29. | Turmeric Powder  Code no. 34351  Lab no: 22258  FSO Kuthuparamba,Kannur Dst | Panda  Panda foods India Pvt. Ltd  Wynad Dt | AA29K2 | Heavy metal | Tin | 0.065 | 0.01 | 550 |
| 30. | Chilly powder  Code no. 24693  Lab no: 22293  FSO Manjeswar,Kazargode Dst | SRR  Shailendra Rishiraja Industries Pvt.Ltd ,Manglore | MABA | Pesticide | Ethion  Chlorpyriphos | 0.832  0.041 | 0.01  0.01 | 8220  310 |
| 31. | Chicken Masala  Code no. 34999  Lab no: 22337  FSO Kanhangad,Kasargod Dst | Kitchen Treasures  Synthite industries, Ernakulam | BAKA1B1 | Pesticide Residue | Ethion  Lmda cyhalane | 0.041  0.029 | 0.01  0.01 | 310  190 |
| 32. | Coriander Powder  Code no. 41757  Lab no: 22348  FSO Tirur,Malappuram Dst | Melam  Ava condiments Kochi | MLM | Pesticide Residue | Chlorpyriphos | 0.075 | 0.01 | 650 |
| 33. | Kashmiri chilli  Powder  Code no. 34989  Lab no: 22352  FSO Kasargod, Kasargod Dst | Green mount  Green mount spices  Neriyamangalam, Idukki | KCH -08 | Pesticide Residue | Ethion  Chlorpyriphos | 0.104  0.341 | 0.01  0.01 | 940  3310 |
| 34. | Pickle Powder  Code no: 34353  Lab No. 22359  FSO Kuthuparamba,Kannur dst | Unitaste  Unigreen foods India Pvt. Ltd,Kollam | UTM/21/013 | Pesticide Residue | Ethion  chlorpyriphos | 0.086  0.060 | 0.01  0.01 | 760  500 |