**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/kg0.997mg/kg | 0.01mg/kg0.01mg/kg | 2709870 |
| 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/kgEthion 0.97 mg/kg | 0.01mg/kg0.01mg/kg | 31009600 |
| 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/kgEthion 0.31 mg/kg | 0.01mg/kg0.01mg/kg | 11003000 |
| 5. | Chilly whole | No label | Absent | AOAC 21st Edition ch.10.1 | Pesticides Bifenthrin and ethion exeeds the limit | Bifenthrin-0.03 mg/kgEthion 0.02 mg/kg | 0.01mg/kg0.01mg/kg | 200100 |
| 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 PresentInsecticide residues Quilalphos ,Ethion,Chorpyriphos,Bifenthrin exeeds the limit | Synthetic colour, Brilliant Blue FCF, Tartrazine PresentEthion -0.13 mg/kgQuilalphos -0.13 mg/kgChorpyriphos -0.13 mg/kgBifenthrin -0.11 mg/kg | Colour not permitted0.01 mg/kg0.01 mg/kg0.01 mg/kg0.01 mg/kg | 1200120012001000 |
| 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/kgEthion -0.02 mg/kg | 0.01 mg/kg0.01 mg/kg | 100100 |
| 13. | Chilly Powder | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide Chlorpyriphos and Ethion exceeds the limit | Chlopyriphos -0.02mg/kgEthion -0.02 mg/kg | 0.01 mg/kg0.01 mg/kg | 100100 |
| 14. | Chilly Powder | Raj Productsമുളക്പ്പൊടി | C4 | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos and Bifenthrin exceeds the limit | Ethion -0.13 mg/kgChorpyriphos -0.53 mg/kgBifenthrin -0.05 mg/kg | 0.01 mg/kg0.01 mg/kg0.01 mg/kg | 12005200400 |
| 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/kgChorpyriphos -0.02 mg/kgBifenthrin -0.06mg/kgPermethrin -0.05 mg/kg | 0.01 mg/kg0.01 mg/kg0.01 mg/kg0.01 mg/kg | 3800100500400 |
| 16. | Coriander whole | No label | Absent | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion Chlorpyriphos, exceeds the limit | Ethion -0.02 mg/kgChorpyriphos-0.03 mg/kg | 0.01 mg/kg0.01 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/kgChorpyriphos -0.06 mg/kgBifenthrin -0.08mg/kgPermethrin -0.05 mg/kg | 0.01 mg/kg0.01 mg/kg0.01 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/kgChorpyriphos -0.04mg/kgBifenthrin -0.09mg/kgPermethrin -0.02 mg/kg | 0.01 mg/kg0.01 mg/kg0.01 mg/kg0.01 mg/kg |  |
| 20. | Chilly Masala | MASALA | JIUNKKL | AOAC 21st Edition ch.10.1 | Insecticide residues Ethion, Bifenthrin exceeds the limit | Ethion -0.09mg/kgChorpyriphos -0.03mg/kgBifenthrin -0.02mg/kg | 0.01 mg/kg0.01 mg/kg0.01 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/kgChorpyriphos -1.40mg/kgFenpropathrin -0.77mg/kg | 0.01 mg/kg0.01 mg/kg0.01 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/kgChorpyriphos -0.07mg/kgBifenthrin -0.22mg/kg | 0.01 mg/kg0.01 mg/kg0.01 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/kgChorpyriphos -0.02mg/kgBifenthrin -0.07mg/kg | 0.01 mg/kg0.01 mg/kg0.01 mg/kg | 13800100600 |
| 24. | Chilli PowderCode no. 43295Lab no: 22159FSO Beypore Kozhikode | Smarter ByudgiSmarter Traders, Vallikkunnu, Malappuram 673314 | Absent | Pesticide | Ethion | 0.145 | 0.01 | 1350 |
| 25. | Chilli PowderCode no. 41649Lab no: 22173FSO Kozhikode north, Kozhikode Dst | CHARMSChilly PowderSharafiys food Processing Exports,Punnappala,Malappuram dst | J34 | Pesticide | Ethion | 0.356 | 0.01 | 3460 |
| 26. | Meat MasalaCode no. 41645Lab no: 22104FSO Malappuram Dst | Eastern condiments Pvt Ltd, Adimali | AA13077 | Pesticide | Ethion | 0.022 | 0.01 | 120 |
| 27. | Garam MasalaCode no. 34980Lab no: 22242FSO Manjeswaram,Kasargod Dst | Teju super | 83 | Pesticide | EthionChlorpyriphos | 0.3500.093 | 0.010.01 | 3400853 |
| 28. | Corriander PowderCode no. 34281Lab no: 22260FSO Kuthuparamba,Kannur Dst | SupernovaAMS spices and Food products, Manjeri | BN4 | Resticide Residue | Chlorpyriphos | 0.284 | 0.01 | 2740 |
| 29. | Turmeric PowderCode no. 34351Lab no: 22258FSO Kuthuparamba,Kannur Dst | PandaPanda foods India Pvt. LtdWynad Dt | AA29K2 | Heavy metal | Tin | 0.065 | 0.01 | 550 |
| 30. | Chilly powderCode no. 24693Lab no: 22293FSO Manjeswar,Kazargode Dst | SRRShailendra Rishiraja Industries Pvt.Ltd ,Manglore | MABA | Pesticide | EthionChlorpyriphos | 0.8320.041 | 0.010.01 | 8220310 |
| 31. | Chicken MasalaCode no. 34999Lab no: 22337FSO Kanhangad,Kasargod Dst | Kitchen TreasuresSynthite industries, Ernakulam | BAKA1B1 | Pesticide Residue | EthionLmda cyhalane | 0.0410.029 | 0.010.01 | 310190 |
| 32. | Coriander PowderCode no. 41757Lab no: 22348FSO Tirur,Malappuram Dst | MelamAva condiments Kochi | MLM | Pesticide Residue | Chlorpyriphos | 0.075 | 0.01 | 650 |
| 33. | Kashmiri chilli PowderCode no. 34989Lab no: 22352FSO Kasargod, Kasargod Dst | Green mountGreen mount spicesNeriyamangalam, Idukki | KCH -08 | Pesticide Residue | EthionChlorpyriphos | 0.1040.341 | 0.010.01 | 9403310 |
| 34. | Pickle PowderCode no: 34353Lab No. 22359FSO Kuthuparamba,Kannur dst | UnitasteUnigreen foods India Pvt. Ltd,Kollam | UTM/21/013 | Pesticide Residue | Ethion chlorpyriphos | 0.0860.060 | 0.010.01 | 760500 |