

Valid from 06 February 2023 to 15 May 2023 Issued on 06 February 2023 As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.





ISO/ IEC 17025 TL 003- 01

## Schedule of Accreditation

Accreditation Scheme for Testing Laboratories Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 003-01

Chemical Laboratory SGS Lanka (Pvt) Limited No 141/7, Vauxhall Street Colombo 02

Scope of Accreditation: Performing Chemical Testing of Food and Agricultural

Products, Fertilizer and Pesticide Residues as per the

Test Methods appearing in this schedule.

The laboratory is accredited for the tests appear from page 02 to 32;

| SI NO | Product(s) / Material of test  | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|--|--------------------------|---|--|
| 1 F   | Food and Agricultural Products   |                          |   |  |
| 1.1   | Spices Condiments and  | Arsenic                  |   | LOQ = 0.1  mg/kg                         |
|       | Spices, Condiments and spice products  | Cadmium                  | AOAC 2013.06  | LOQ = 0.1  mg/kg                         |
|       |  | Mercury                  | AOAC 2013.00  | LOQ = 0.1  mg/kg                         |
|       |  | Lead                     |   | LOQ = 0.1  mg/kg                         |
|       |  | Copper                   |   | 0.7-500  mg/kg                           |
|       |  | Iron                     | AOAC 2011.14  | 0.4 - 500  mg/kg                         |
|       |  | Zinc                     |   | 0.7 - 500  mg/kg                         |
| 1.2   | , , , , , ,  | Arsenic                  |   |  |
|       | Sausages, Meat balls, Fish balls, Canned Fish, Dried                                   | Cadmium                  | 1010201006  | LOQ = 0.1  mg/kg                         |
|       | Fish, Maldives Fish, Crabs,  | Mercury                  | AOAC 2013.06  |  |
|       | Cuttlefish and meat & meat products  | Lead                     |   |  |
| 1.3   | Edible Fats and Oils   | Arsenic                  |   |  |
|       | (Coconut oil, virgin coconut oil, Olive oil, Palm oil, Palm                            | Cadmium                  |   |  |
|       | olein, Palm Stearin, Palm Kernel Oil, Sunflower seed Oil)  AOAC 2013.06  Mercury  Lead | LOQ = 0.1  mg/kg         |   |  |
|       |  | Lead                     |   |  |
| 1.4   | Edible Fats and Oils   | Copper                   |   | 0.7 - 500  mg/kg                         |
|       | (Coconut oil, virgin coconut oil, Olive oil Palm oil, Palm                             | Iron                     | AOAC 2011.14  | 0.4-500  mg/kg                           |
|       | olein, Palm Stearin, Palm  | Zinc                     |   | 0.7 - 500  mg/kg                         |
|       | Kernel Oil, Sunflower seed<br>Oil, Rice bran oil)                                      | Refractive Index         | SLS 313 Part 1; Section 5                               | 1.4450 - 1.4600                          |
| 1.5   | Fruit Juice, Concentrates,   | Arsenic                  | AOAC 2013.06  | LOQ = 0.1  mg/kg                         |
|       | cordial, nectars, ready to serve fruit drinks  | Cadmium                  |   |  |
|       | carbonated Beverages,  | Mercury                  |   |  |
|       | non-carbonated beverages and soft drink powder   | Lead                     |   |  |
|       | mixes  | Tin                      | EN 15765:2009   | LOQ = 0.5  mg/kg                         |
| 1.6   | Biscuit and Sugar<br>Confectioneries   | Arsenic                  |   | LOQ = 0.1  mg/kg                         |
|       | Confectioneries  | Cadmium                  | 1010201205  |  |
|       |  | Mercury  Lead            |   |  |
|       |  |                          |   |  |
|       |  | Tin                      | EN 15765:2009   | LOQ = 0.5  mg/kg                         |

| SI NO | Product(s) / Material of test  | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of<br>detection |
|-------|--|--------------------------|---|---|
| 1.7   | Tomato sauce, Chilli sauce, soya sauce and all kind of                           | Arsenic                  | AOAC 2013.06  | LOQ = 0.1  mg/kg                            |
|       | sauces   | Cadmium                  |   |   |
|       |  | Mercury                  |   |   |
|       |  | Lead                     |   |   |
|       | -  | Tin                      | EN 15765:2009   | LOQ = 0.5  mg/kg                            |
| 1.8   | Animal feed and Feed additives   | Arsenic                  | AOAC 2013.06  | LOQ = 0.1  mg/kg                            |
|       | additives  | Cadmium                  |   |   |
|       |  | Mercury                  |   |   |
|       |  | Lead                     |   |   |
|       |  | Moisture content         | SLS 626 :1983   | 0.1 - 30 %                                  |
|       |  | Crude Fat                |   | 0.1%  |
|       |  | Crude Protein            |   |   |
|       |  | Total ash                |   | 0.05%                                       |
|       |  | Acid Insoluble Ash       | -   |   |
|       |  | Crude Fiber              |   |   |
| 1.9   | Grain & Cereal Products,<br>Fruit and Vegetable<br>Products, Coconut<br>Products | Dietary Fiber            | Megazyme K-TDFR-<br>100A/K-TDFR-200A 04/17              | LOD = 1.0%                                  |
| 1.10  | <b>Aqueous Coconut Products</b>  | Total solids             | SLS 1365 - I:Appendix B                                 | 0.1 -70 %                                   |
|       | - Coconut Milk/Low fat<br>Coconut milk/Skim                                      | Fat Content              | SLS 1365-I:Appendix C                                   | LOD = 0.1%                                  |
|       | Coconut milk   | Non-Fat Solids           | SLS 1365-II: Appendix D                                 | 1 - 50 %                                    |
|       |  | Moisture content         | SLS 1365-II: Appendix E                                 | 1 - 96 %                                    |
|       |  | pH at $27 \pm 2$ °C      | SLS 1365-II: Appendix F                                 | 4.0 -8.0                                    |
| 1.11  | Coconut Cream/Coconut<br>Paste   | Total solids             | SLS 1365-II: Appendix B                                 | 0.1 -70 %                                   |
|       | 1 asu  | Fat Content              | SLS 1365-II: Appendix C                                 | LOD = 0.1%                                  |
|       |  | Non-Fat Solids           | SLS 1365-II: Appendix D                                 | 1 - 50 %                                    |
|       |  | Moisture content         | SLS 1365-II: Appendix E                                 | 1 - 96 %                                    |
|       |  | pH at 27 ± 2 °C          | SLS 1365-II: Appendix F                                 | 4.0 -8.0                                    |

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|-------|--|---|---|---|
| 1.12  | Coconut milk Powder                              | 26.5  | are performed                             |   |
| 1.12  | Coconat mink I owaer                             | Moisture content                            | SLS 1309:2007 Appendix B                  | 0.1 - 10%                                   |
|       |  | Fat per cent by mass                        | SLS 1309:2007 Appendix D                  | LOD 0.1%                                    |
|       |  | (on dry basis)                              |   |   |
|       |  | Total Ash (on dry basis)                    | SLS 1309:2007 Appendix E                  | LOD 0.05%                                   |
|       |  | pH at 25 °C, of reconstitut<br>milk         | SLS 1309:2007 Appendix F                  | 4.0-8.0                                     |
|       |  | Free Fatty Acid (as Lauric of extracted oil | SLS 1309:2007 Appendix G                  | LOD 0.01%                                   |
|       |  | Protein                                     | SLS 737-part 7 section -1: 2017           | LOD 0.1%                                    |
| 1.13  | Coconut Flour                                    | Moisture content                            | SLS 1628:2019 Appendix B                  | 0.1-10%                                     |
|       |  | Total Ash (on dry basis)                    | SLS 1628:2019 Appendix C                  | LOD 0.05%                                   |
|       |  | Protein per cent by mass (on dry basis)     | SLS 737-part 7 section -1: 2017           | LOD 0.1%                                    |
|       |  | Fat per cent by mass(on dr basis)           | SLS 1309:2007 Appendix D                  | LOD 0.1%                                    |
|       |  | Free Fatty Acid (as Lauric of extracted oil | SLS 1309:2007 Appendix G                  | LOD 0.01%                                   |
|       |  | Peroxide Value                              | SLS 313 Part 3: Section                   | LOD 0.02meq/kg                              |
| 1.14  | Ice cream  | Total Solids                                | SLS 735-5 : 1988                          | LOD 0.1%                                    |
|       |  | Sucrose Content                             | SLS 735 - 6:1989                          | LOD 1.0%                                    |
|       |  | Milk Solid Non-Fat                          | SLS 223: 2017 Appendix D                  | 1-30%                                       |
| 1.15  | Amino Acid profile<br>(Animal Feed, sugar Edible | 4-Hydroxyproline                            | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       | Fat & Milk & Fish)                               | Alanine                                     | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Arginine                                    | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Aspartic acid (including Asparagine)        | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Cystine                                     | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Glutamic acid (including Glutamine)         | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Glycine                                     | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Histidine                                   | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |
|       |  | Isoleucine                                  | LCHE/TM/SOP/120                           | LOD 0.001 g/100g                            |

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|-------|---|--|---|---|
| 1.15  | Amino Acid profile (Animal Feed, sugar Edible | Leucine  | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       | Fat & Milk & Fish)                            | Lysine   | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Methionine   | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Phenylalanine  | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Proline  | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Serine   | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Threonine  | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Tyrosine   | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
|       |   | Valine   | LCHE/TM/SOP/120   | LOD 0.001 g/100g                            |
| 2.    | Fertilizer                                    | I  |   |   |
| 2.1   | Liquid organic and<br>Inorganic fertilizer    | Arsenic  | AOAC 2006.03  | 0.1 - 100mg/kg                              |
|       | morganic ferunzer                             | Cadmium  |   | 0.1 - 100mg/kg                              |
|       |   | Lead   |   | 0.5 - 500mg/kg                              |
|       |   | Chromium   |   | $0.5-500~\mathrm{mg/kg}$                    |
|       |   | Mercury  | LCHE/TM/SOP/101   | 0.1 - 50mg/kg                               |
| 2.2   | Compost and Solid organic fertilizer          | Arsenic  | AOAC 2006.03  | 0.1 - 100mg/kg                              |
|       | ici dilizoi                                   | Cadmium  |   | 0.1 - 100mg/kg                              |
|       |   | Lead   |   | 0.5 - 500mg/kg                              |
|       |   | Chromium   |   | $0.5-500\ mg/kg$                            |
|       |   | Nickel   |   | 0.5-500~mg/kg                               |
|       |   | Mercury  | LCHE/TM/SOP/101   | 0.1 - 50mg/kg                               |
| 2.3   | Compost made from municipal solid waste       | Moisture content   | SLS 645:Part 2: 1984                                    | 0.5- 50 %                                   |
|       | mumcipai sonu waste                           | pН   | SLS 1526:2016, ISO<br>10390:2005                        | 1.0- 13.0                                   |
|       |   | Conductivity, dSm-1  | SLS 1634:2019 Appendix B                                | 0.005dS - 5.0dS                             |
|       |   | Total Nitrogen content as N, percent by dry mass             | SLS 645 -1:2009   | 0.5 - 5.0 %                                 |
|       |   | Total Phosphorous content<br>as P2O5, percent by dry<br>mass | SLS 645 part 5:1985                                     | 0.2- 5.0                                    |

| SI NO | Product(s) / Material of test                    | Specific tests performed   | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of<br>detection |
|-------|--|--|---|---|
| 2.3   | Compost made from municipal solid waste          | Total Potassium content as K <sub>2</sub> O, percent by dry mass | SLS 645 Part 4:1989                                     | 0.1 - 5.0 %                                 |
|       |  | Total Magnesium content as MgO, percent by dry mass              | SLS 645 part 5:1985                                     | 0.1 - 5.0 %                                 |
|       |  | Total Calcium content as CaO, percent by dry mass                | SLS 645 part 6:1990                                     | 0.1 - 5.0 %                                 |
|       |  | Organic Carbon as C, percent by dry mass                         | SLS 1634:2019 Appendix C                                | 5 - 20 %                                    |
|       |  | C:N Ratio  | SLS 1634:2019 Appendix D                                | Not applicable                              |
| 2.4   | Compost made from raw materials from agriculture | Moisture content   | SLS 645:Part 2: 1984                                    | 0.5- 50 %                                   |
|       | origin   | pН   | SLS 1526:2016, ISO<br>10390:2005                        | 1.0- 13.0                                   |
|       |  | Conductivity, dSm-1  | SLS 1634:2019 Appendix B                                | 0.005dS - 5.0dS                             |
|       |  | Total Nitrogen content as N percent by dry mass                  | SLS 645 -1:2009   | 0.5 - 5.0 %                                 |
|       |  | Total Phosphorous content a P2O5, percent by dry mass            | SLS 645 part 5:1985                                     | 0.2- 5.0                                    |
|       |  | Total Potassium content as K2O, percent by dry mass              | SLS 645 Part 4:1989                                     | 0.1 - 5.0 %                                 |
|       |  | Total Magnesium content as MgO, percent by dry mass              | SLS 645 part 5:1985                                     | 0.1 - 5.0 %                                 |
|       |  | Total Calcium content as CaO, percent by dry mass                | SLS 645 part 6 :1990                                    | 0.1 - 5.0 %                                 |
|       |  | Organic Carbon as C, percent by dry mass                         | SLS 1635:2019 Appendix C                                | 5 - 20 %                                    |
|       |  | C:N Ratio  | SLS 1635:2019 Appendix D                                | Not Applicable                              |
| 2.5   | Compost for organic<br>Agriculture               | Moisture content   | SLS 645:Part 2: 1984                                    | 0.5- 50 %                                   |
|       | rigireature                                      | рН   | SLS 1526:2016, ISO<br>10390:2005                        | 1.0- 13.0                                   |
|       |  | Conductivity, dSm-1  | SLS 1684:2020Appendix B                                 | 0.005dS - 5.0dS                             |
|       |  | Total Nitrogen content as N percent by dry mass                  | SLS 645 -1:2009   | 0.5 - 5.0 %                                 |
|       |  | Total Phosphorous content a P2O5, percent by dry mass            | SLS 645 part 5:1985                                     | 0.2- 5.0                                    |
|       |  | Total Potassium content as K <sub>2</sub> O, percent by dry mass | SLS 645 Part 4:1989                                     | 0.1 - 5.0 %                                 |
|       |  | Total Magnesium content as MgO, percent by dry mass              | SLS 645 part 5:1985                                     | 0.1 - 5.0 %                                 |
| SI NO | Product(s) / Material of test                    | Specific tests performed   | Test Method/ Standard against which tests               | Range of testing/<br>Limits of              |

|     |                                      |   | are performed                    | detection         |
|-----|--------------------------------------|---|----------------------------------|-------------------|
| 2.5 | Compost for organic<br>Agriculture   | Total Calcium content as CaO, percent by dry mass                           | SLS 645 part 6:1990              | 0.1 - 5.0 %       |
|     |                                      | Organic Carbon as C, percent by dry mass                                    | SLS 1684:2020Appendix F          | 5 - 20 %          |
|     |                                      | C:N Ratio   | SLS 1684:2020Appendix G          | Not Applicable    |
| 2.6 | Liquid Organic fertilizer            | рН  | SLS 1526:2016, ISO<br>10390:2005 | 1.0- 13.0         |
|     |                                      | Conductivity, dSm-1   | ISO 11265:1994                   | 0.005dS - 5.0dS   |
|     |                                      | Organic Carbon as C, percent by dry mass                                    | SLS 1702:2021 Appendix F         | 5 - 20 %          |
|     |                                      | C:N Ratio   | SLS 1702:2021 Appendix G         | Not Applicable    |
|     |                                      | Total Nitrogen content as N percent by mass                                 | SLS 645:Part 1                   | 0.5 - 5.0 %       |
|     |                                      | Total Phosphorous content a P <sub>2</sub> O <sub>5</sub> , percent by mass | SLS 645:Part 5                   | 0.2- 5.0          |
|     |                                      | Total Potassium content as K <sub>2</sub> O, percent by mass                | SLS 645:Part 4                   | 0.1 - 5.0 %       |
|     |                                      | Total primary<br>nutrients(N+P2O5+K2O)<br>percent by mass                   | SLS 1702:2021                    | Not Applicable    |
| 2.7 | Compost for solid organic fertilizer | Moisture content  | SLS 645:Part 2: 1984             | 0.5- 50 %         |
|     |                                      | рН  | SLS 1526:2016, ISO<br>10390:2005 | 1.0- 13.0         |
|     |                                      | Conductivity, dSm-1   | SLS 1704:2021 Appendix B         | 0.005dS - 5.0dS   |
|     |                                      | Total Nitrogen content as N percent by dry mass                             | SLS 645 -1:2009                  | 0.5 - 5.0 %       |
|     |                                      | Total Phosphorous content a P2O5, percent by dry mass                       | SLS 645 part 5:1985              | 0.2- 5.0          |
|     |                                      | Total Potassium content as K2O, percent by dry mass                         | SLS 645 Part 4:1989              | 0.1 - 5.0 %       |
|     |                                      | Total Magnesium content as MgO, percent by dry mass                         | SLS 645 part 5:1985              | 0.1 - 5.0 %       |
|     |                                      | Total Calcium content as CaO, percent by dry mass                           | SLS 645 part 6 :1990             | 0.1 - 5.0 %       |
|     |                                      | Organic Carbon as C, percent by dry mass                                    | SLS 1684:2020Appendix F          | 5 - 20 %          |
| 3   | Shampoo                              | Arsenic   | ISO/TR/17276: 2014               | LOQ = 0.25  mg/kg |
|     |                                      | Cadmium   | ISO/TR/17276: 2014               | LOQ = 0.25  mg/kg |
|     |                                      | Mercury   | ISO/TR/17276: 2014               | LOQ = 0.25  mg/kg |
|     |                                      | Lead  | ISO/TR/17276: 2014               | LOQ = 1.8  mg/kg  |

| SI NO | Product(s) / Material of test   | Specific tests performed        | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of<br>detection |
|-------|---|---------------------------------|---|---|
| 4     | Pesticide Residues  |                                 |   | •   |
| 4.1   | Fruits and Vegetables, Tea,<br>Spices & Cereals                             | 1,2-Dibromo-3-<br>Chloropropane | LCHE/TM/SOP/121   | 0.010 mg/kg                                 |
|       | Under following categories High water content                               | 2,3,5,6-Tetrachloroaniline      |   |   |
|       | commodities – (Leafy  | 2,4'-Methoxychlor               |   |   |
|       | Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,                 | 3,4-Dichloroaniline             |   |   |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers ) High                           | 4,4'-Methoxychlor olefins       |   |   |
|       | acid content and high water<br>content – (Grapes, Pineapple,<br>strawberry) | Acetochlor                      |   |   |
|       | High fat content and intermediate water content                             | Acrinathrin                     |   |   |
|       | (Avocado, Coconut) High<br>starch and high protein content                  | Alachlor                        |   |   |
|       | and low water content and fat content – (Cereal, dhal, wheat                | Aldrin                          |   |   |
|       | flour ) Difficult commodities-<br>(Tea and spices )                         | Allidochlor                     |   |   |
|       |   | Aminocarb                       |   |   |
|       |   | Anthraquinone                   |   |   |
|       |   | Aramite peak 1                  |   |   |
|       |   | Aramite peak 2                  |   |   |
|       |   | Atraton                         |   |   |
|       |   | Atrazine                        |   |   |
|       |   | Azinphos-ethyl                  | -   |   |
|       |   | Azinphos-methyl                 |   |   |
|       |   | Bendiocarb                      |   |   |
|       |   | Benfluralin                     |   |   |
|       |   | BHC, Alpha                      |   |   |
|       |   | BHC, Beta                       |   |   |
|       |   | BHC, delta                      |   |   |
|       |   | BHC, gamma                      |   |   |

| SI NO | Product(s) / Material of test                                | Specific tests               | Test Method/ Standard against which tests | Range of testing/ |
|-------|--|------------------------------|---|-------------------|
|       |  | performed                    | are performed                             | detection         |
| 4.1   | Fruits and Vegetables, Tea,<br>Spices & Cereals              | Bifenthrin                   | LCHE/TM/SOP/121                           | 0.010 mg/kg       |
|       | Under following categories High water content                | Bioresmethrin                |   |                   |
|       | commodities – (Leafy<br>Vegetables, Mango, Papaya,           | Bromacil                     |   |                   |
|       | Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes,            | Bromfenvinphos               | ]   |                   |
|       | Watermelon, Peppers) High acid content and high-water        | Bromfenvinphos-methyl        | _   |                   |
|       | content – (Grapes, Pineapple, strawberry)                    | Bromocyclen                  |   |                   |
|       | High fat content and intermediate water content              | Bromophos-ethyl              |   |                   |
|       | (Avocado, Coconut) High starch and high protein content      | Bromophos-methyl (Bromophos) |   |                   |
|       | and low water content and fat content – (Cereal, dhal, wheat | Bromopropylate               |   |                   |
|       | flour) Difficult commodities-<br>(Tea and spices)            | Bupirimate                   | -   |                   |
|       | -  | Butylate (Sutan)             |   |                   |
|       |  | Cadusafos                    |   |                   |
|       |  | Captan                       |   |                   |
|       |  | Carbetamide                  |   |                   |
|       |  | Carbophenothion              |   |                   |
|       |  | Carbosulfan                  |   |                   |
|       |  | Carfentrazon-ethyl           |   |                   |
|       |  | Carvone                      |   |                   |
|       |  | Chlorbenside                 |   |                   |
|       |  | Chlorbufam                   |   |                   |
|       |  | Chlordane alpha-Cis          |   |                   |
|       |  | Chlordane Gamma-trans        |   |                   |
|       |  | Chlorfenapyr                 |   |                   |
|       |  | Chlorfenprop-methyl          |   |                   |
|       |  | Chlorfenson                  |   |                   |
|       |  | Chlorfenvinphos              |   |                   |
|       |  | Chlorobenzilate              |   |                   |
|       |  | Chloroneb                    |   |                   |

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|-------|--|-------------------------------|---|---|
| 4.1   | Fruits and Vegetables, Tea,                                      | Chlorothalonil                | LCHE/TM/SOP/121   | 0.010 mg/kg                                 |
|       | Spices & Cereals Under following categories                      | Chlorpropham                  |   |   |
|       | High water content commodities – (Leafy                          | Chlorpyrifos-ethyl            |   |   |
|       | Vegetables, Mango, Papaya,                                       | Chlorpyrifos-methyl           |   |   |
|       | Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes,                | Chlorthal-dimethyl (Dacthal   |   |   |
|       | Watermelon, Peppers) High acid content and high-water            | Chlorthiamid                  |   |   |
|       | content – (Grapes, Pineapple, strawberry)                        | Chlorthiophos                 |   |   |
|       | High fat content and   | Chlozolinate                  |   |   |
|       | intermediate water content (Avocado, Coconut) High               | Chlorate                      |   |   |
|       | starch and high protein content<br>and low water content and fat | Clethodim                     |   |   |
|       | content – (Cereal, dhal, wheat                                   | Clofentezine                  |   |   |
|       | flour) Difficult commodities-<br>(Tea and spices)                | Clomazone                     |   |   |
|       |  | Coumaphos                     |   |   |
|       |  | Crimidine                     |   |   |
|       | Cycloate   | Cycloate                      |   |   |
|       |  | Cyfluthrin peak 1             |   |   |
|       |  | Cyfluthrin peak 2             |   |   |
|       |  | Cyfluthrin peak 3             |   |   |
|       |  | Cyfluthrin peak 4             |   |   |
|       |  | Cyhalothrin I (lambda)        |   |   |
|       |  | Cymoxanil                     |   |   |
|       |  | Cypermethrin (Sum of isomers) |   |   |
|       |  | Cypermethrin peak 2           |   |   |
|       |  | Cypermethrin peak 3           |   |   |
|       |  | Cypermethrin peak 4           |   |   |
|       |  | Cyprodinil                    |   |   |
|       |  | Cyprofuram                    |   |   |
|       |  | Dazomet                       |   |   |
|       |  | DDD p,p                       |   |   |

| SI NO | Product(s) / Material of test  | Specific tests performed   | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of<br>detection |
|-------|--|----------------------------|---|---|
| 4.1   | Fruits and Vegetables, Tea,  | DDD, o, p                  | LCHE/TM/SOP/121   | 0.010 mg/kg                                 |
|       | Spices & Cereals Under following categories  | DDE o,p                    |   |   |
|       | High water content<br>commodities – (Leafy<br>Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,<br>Cucumber, Tomatoes, | DDE p, p                   |   |   |
|       |  | DDT o,p                    |   |   |
|       |  | DDT p,p                    |   |   |
|       | Watermelon, Peppers) High acid content and high-water  | Deltamethrin               |   |   |
|       | content – (Grapes, Pineapple,  | Dialifos                   |   |   |
|       | strawberry) High fat content and   | Diallate-cis               |   |   |
|       | intermediate water content<br>(Avocado, Coconut) High  | Diallate-trans             |   |   |
|       | starch and high protein content  | Diazinon                   |   |   |
|       | and low water content and fat content – (Cereal, dhal, wheat   | Dichlobenil                |   |   |
|       | flour) Difficult commodities-<br>(Tea and spices)  | Dichlofenthion             |   |   |
|       | (Tea and spices)   | Dichlofluanid              |   |   |
|       |  | Dichlorobenzophenone, 4, 4 |   |   |
|       |  | Dichlorprop methyl ester   |   |   |
|       |  | Dicloran (Bortran)         |   |   |
|       |  | Dicofol                    |   |   |
|       |  | Dicrotophos                |   |   |
|       |  | Dieldrin                   |   |   |
|       |  | Diethatyl-ethyl            |   |   |
|       |  | Dimethachlor               |   |   |
|       |  | Dimethametryn              |   |   |
|       |  | Dimethipin                 |   |   |
|       |  | Dimetilan                  |   |   |
|       |  | Diniconazole               |   |   |
|       |  | Dinobuton                  |   |   |
|       |  | Diofenolan peak 1          |   |   |
|       |  | Diofenolan peak 2          |   |   |
|       |  | Diphenamid                 |   |   |
|       |  | Diphenylamine              |   |   |
|       |  | Dipropetryn  Digulfoton    |   |   |
|       |  | Disulfoton                 |   |   |

| SI NO |  | Specific tests<br>performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|--|-----------------------------|---|--|
| 4.1   | Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, | Ditalimfos                  | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       |  | DNOC                        |   |  |
|       |  | Dodemorph peak 1            |   |  |
|       |  | Dodemorph peak 2            |   |  |
|       | Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes,  | Edifenphos                  |   |  |
|       | Watermelon, Peppers) High acid content and high-water  | Endosulfan ether            |   |  |
|       | content – (Grapes, Pineapple,  | Endosulfan peak 1           |   |  |
|       | strawberry) High fat content and   | Endosulfan peak 2           |   |  |
|       | intermediate water content (Avocado, Coconut) High   | Endosulfan sulfate          |   |  |
|       | starch and high protein content<br>and low water content and fat   | Endrin                      |   |  |
|       | content – (Cereal, dhal, wheat   | Endrin Aldehyde             |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)  | Endrin-Ketone               |   |  |
|       | •  | EPN                         |   |  |
|       |  | Esfenvalerate               |   |  |
|       |  | Etaconazole peak 1          |   |  |
|       |  | Etaconazole peak 2          |   |  |
|       |  | Ethalfluralin               |   |  |
|       |  | Ethiofencarb                |   |  |
|       |  | Ethion                      |   |  |
|       |  | Etofenprox                  |   |  |
|       |  | Etridiazole (Terrazole)     |   |  |
|       |  | Famphur                     |   |  |
|       |  | Fenamidone                  |   |  |
|       |  | Fenamiphos                  |   |  |
|       |  | Fenchlorfos                 |   |  |
|       |  | Fenfuram                    |   |  |
|       |  | Fenitrothion                |   |  |
|       |  | Fenoxanil                   |   |  |
|       |  | Fenoxycarb                  |   |  |
|       |  | Fenpiclonil                 |   |  |
|       |  | Fenpropathrin               |   |  |
|       |  | Fenson                      |   |  |

| SI NO |   | Specific tests<br>performed | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of detection |
|-------|---|-----------------------------|---|--|
| 4.1   | Fruits and Vegetables, Tea,                                   | Fenthion                    | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       | Spices & Cereals Under following categories                   | Fenvalerate                 |   |  |
|       | High water content commodities – (Leafy                       | Fipronil                    | -   |  |
|       | Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,   | Flamprop-isopropyl          |   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High              | Fluazifop-P-butyl           |   |  |
|       | acid content and high-water                                   | Fluchloralin                |   |  |
|       | content – (Grapes, Pineapple, strawberry)                     | Flucythrinate peak 1        | _   |  |
|       | High fat content and intermediate water content               | Flucythrinate peak 2        |   |  |
|       | (Avocado, Coconut) High                                       | Fludioxonil                 |   |  |
|       | starch and high protein content and low water content and fat | Flumetralin                 | -   |  |
|       | content – (Cereal, dhal, wheat flour) Difficult commodities-  | Fluorodifen                 | -   |  |
|       | (Tea and spices)  | Fluotrimazole               | <u>-</u>  |  |
|       |   | Fluquinconazole             |   |  |
|       |   | Fluroxypyr                  | _   |  |
|       |   | Flusilazole                 |   |  |
|       |   | Flutolanil                  | -   |  |
|       |   | Flutriafol                  | _   |  |
|       |   | Fluvalinate peak 1          | <u>-</u>  |  |
|       |   | Fluvalinate peak 2          |   |  |
|       |   | Folpet                      | _   |  |
|       |   | Fonofos                     | _   |  |
|       |   | Fuberidazol                 |   |  |
|       |   | Heptachlor                  |   |  |
|       |   | Heptachlor epoxide          |   |  |
|       |   | Hexachlorobenzene           |   |  |
|       |   | Hexazinone                  |   |  |
|       |   | Iodofenfos                  |   |  |
|       |   | Ipconazole                  |   |  |
|       |   | Iprodione                   |   |  |
|       |   | Isazophos                   |   |  |
|       |   | Isocarbamid                 |   |  |
|       |   | Isodrin                     | _   |  |

| SI NO |  | Specific tests<br>performed                         | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of detection |
|-------|--|---|---|--|
| 4.1   | Fruits and Vegetables, Tea,  | its and Vegetables, Tea, Isofenphos LCHE/TM/SOP/121 |   | 0.010 mg/kg                              |
|       | Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, | Isoprocarb  |   |  |
|       |  | Isopropalin   |   |  |
|       |  | Lactofen  |   |  |
|       | Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes,  | Lenacil   |   |  |
|       | Watermelon, Peppers) High acid content and high-water  | Leptophos   |   |  |
|       | content – (Grapes, Pineapple,  | Linuron   |   |  |
|       | strawberry) High fat content and   | Malathion   |   |  |
|       | intermediate water content (Avocado, Coconut) High   | Mefenacet   |   |  |
|       | starch and high protein content  | Mefenoxam   |   |  |
|       | and low water content and fat content – (Cereal, dhal, wheat   | Metalaxyl   |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)  | Metazachlor   |   |  |
|       | ( · · · · · · · · · · · · · · · · · · ·  | Methacrifos   |   |  |
|       |  | Methidathion  |   |  |
|       |  | Methiocarb  |   |  |
|       |  | Methoprotryne                                       |   |  |
|       |  | Methoxychlor  |   |  |
|       |  | Metobromuron  |   |  |
|       |  | Metolachlor   |   |  |
|       |  | Mevinphos   |   |  |
|       |  | MGK-264 A   |   |  |
|       |  | MGK-264 B   |   |  |
|       |  | Mirex   |   |  |
|       |  | Myclobutanil  |   |  |
|       |  | N-(2,4-Dimethylphenyl) formamide                    |   |  |
|       |  | Napropamide   |   |  |
|       |  | Nitralin  |   |  |
|       |  | Nitrofen  |   |  |
|       |  | Nitrothal-isopropyl                                 |   |  |
|       |  | Nonachlor-cis                                       |   |  |
|       |  | Nonachlor-trans                                     |   |  |

| SI NO | Product(s) / Material of test   | Specific tests<br>performed | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of detection |
|-------|---|-----------------------------|---|--|
| 4.1   | Fruits and Vegetables, Tea,   | Norflurazon                 | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       | Spices & Cereals  Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes, | Nuarimol                    |   |  |
|       |   | Ofurace                     |   |  |
|       |   | Ortho-phenylphenol          |   |  |
|       |   | Oxadiazon                   |   |  |
|       | Watermelon, Peppers) High acid content and high-water   | Oxadixyl                    |   |  |
|       | content – (Grapes, Pineapple, strawberry)   | Oxyfluorfen                 |   |  |
|       | High fat content and  | Paclobutrazol               |   |  |
|       | intermediate water content (Avocado, Coconut) High  | Parathion (ethyl)           |   |  |
|       | (Avocado, Coconut) High starch and high protein content and low water content and fat   | Parathion-methyl            |   |  |
|       | content – (Cereal, dhal, wheat  | Pebulate                    |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)   | Penconazole                 |   |  |
|       |   | Pendimethalin               |   |  |
|       |   | Pentachloroaniline          |   |  |
|       |   | Pentachloroanisole          |   |  |
|       |   | Pentachlorobenzene          |   |  |
|       |   | Pentachlorobenzonitrile     |   |  |
|       |   | Pentachlorophenol           |   |  |
|       |   | Pentachlorothioanisole      |   |  |
|       |   | perchlorate                 |   |  |
|       |   | Permethrin peak 1           |   |  |
|       |   | Permethrin peak 2           |   |  |
|       |   | Perthane (Ethylan)          |   |  |
|       |   | Phenmedipham                |   |  |
|       |   | Phenothrin                  |   |  |
|       |   | Phorate                     |   |  |
|       |   | Phosalone                   |   |  |
|       |   | Phosfolan                   |   |  |
|       |   | Phosmet                     |   |  |
|       |   | Phthalimide                 |   |  |

| SI NO | Product(s) / Material of test   | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|---|--------------------------|---|--|
| 4.1   | Fruits and Vegetables, Tea,<br>Spices & Cereals                                     | Picoxystrobin            | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       | Under following categories  | Piperonyl butoxide       |   |  |
|       | High water content commodities – (Leafy   | Piperophos               |   |  |
|       | Vegetables, Mango, Papaya,  | Pirimiphos-ethyl         |   |  |
|       | Banana, Apple, Pears, Gerkin, Cucumber, Tomatoes,                                   | Pirimiphos-methyl        |   |  |
|       | Watermelon, Peppers) High acid content and high-water content – (Grapes, Pineapple, | Pretilachlor             |   |  |
|       | strawberry)   | Procymidone              |   |  |
|       | High fat content and intermediate water content                                     | Prodiamine               |   |  |
|       | (Avocado, Coconut) High   | Profenofos               |   |  |
|       | starch and high protein content and low water content and fat                       | Profluralin              |   |  |
|       | content – (Cereal, dhal, wheat  | Prometon                 |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)                                   | Propachlor               |   |  |
|       | •   | Propanil                 |   |  |
|       |   | Propazine                |   |  |
|       |   | Propham                  |   |  |
|       |   | Propisochlor             |   |  |
|       |   | Propyzamide              |   |  |
|       |   | Prothiofos               |   |  |
|       |   | Pyraclofos               |   |  |
|       |   | Pyrazophos               |   |  |
|       |   | Pyridaben                |   |  |
|       |   | Pyridaphenthion          |   |  |
|       |   | Pyrimethanil             |   |  |
|       |   | Pyriproxyfen             |   |  |
|       |   | Quinalphos               |   |  |
|       |   | Quinomethionate          |   |  |
|       |   | Quintozene               |   |  |
|       |   | Quizalofop-ethyl         |   |  |
|       |   | Resmethrin               |   |  |
|       |   | Sebuthylazin             |   |  |
|       |   | Secbumeton               |   |  |

| SI NO | Product(s) / Material of test  | Specific tests<br>performed     | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|--|---------------------------------|---|--|
| 4.1   | Fruits and Vegetables, Tea,  | Silafluofen                     | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       | Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, | S-Metolachlor                   |   |  |
|       |  | Spirodiclofen                   | _   |  |
|       |  | Sulfotep                        | -   |  |
|       | Banana, Apple, Pears, Gerkin,  | Sulprofos                       | _   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High   | Tebuconazole                    | -<br>-  |  |
|       | acid content and high-water content – (Grapes, Pineapple,  | Tebufenpyrad                    | _   |  |
|       | strawberry)  | Tebupirimfos                    | _   |  |
|       | High fat content and intermediate water content  | Tebutam                         |   |  |
|       | (Avocado, Coconut) High  | Tebuthiuron                     |   |  |
|       | starch and high protein content and low water content and fat  | Tecnazene                       |   |  |
|       | content – (Cereal, dhal, wheat flour) Difficult commodities-   | Tefluthrin                      |   |  |
|       | (Tea and spices)   | Terbacil                        |   |  |
|       |  | Terbufos                        |   |  |
|       |  | Terbumeton                      |   |  |
|       |  | Terbuthylazine                  |   |  |
|       |  | Terbutryn                       |   |  |
|       |  | Tetrachlorvinphos               |   |  |
|       |  | Tetraconazole                   |   |  |
|       |  | Tetradifon                      |   |  |
|       |  | Tetrahydrophthalimide<br>(THPI) |   |  |
|       |  | Tetramethrin peak 1             |   |  |
|       |  | Tetramethrin peak 2             |   |  |
|       |  | Theometon                       |   |  |
|       |  | Tolclofos-methyl                |   |  |
|       |  | Tolylfluanid                    |   |  |
|       |  | Transfluthrin                   |   |  |
|       |  | Triadimefon                     |   |  |
|       |  | Triadimenol                     | ]   |  |
|       |  | Triallate                       |   |  |
|       |  | Triazophos                      |   |  |
|       |  | Trietazine                      |   |  |

| SI NO | Product(s) / Material of test   | Specific tests<br>performed                       | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of detection |
|-------|---|---|---|--|
| 4.1   | Fruits and Vegetables, Tea, Spices & Cereals Under following categories                                       | Triflumizole                                      | LCHE/TM/SOP/121   | 0.010 mg/kg                              |
|       | High water content<br>commodities – (Leafy<br>Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,     | Trifluralin                                       |   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High<br>acid content and high-water                               | Triphenylphosphate                                |   |  |
|       | content – (Grapes, Pineapple, strawberry) High fat content and intermediate water content                     | Vernolate   |   |  |
|       | (Avocado, Coconut) High<br>starch and high protein content<br>and low water content and fat                   | Vinclozolin                                       |   |  |
|       | content – (Cereal, dhal, wheat<br>flour) Difficult commodities-<br>(Tea and spices)                           | XMC   |   |  |
| 4.2   |   | 2-(2-Butoxyethoxy)ethyl thiocyanate 2,2-Diiodo-4- | LCHE/TM/SOP /110<br>: Rev 00:2020                             | 0.010 mg/kg                              |
|       | Under following categories  | hydroxybenzonitrile                               |   |  |
|       | High water content commodities – (Leafy   | 2,6-Dichlorobenzonitrile                          |   |  |
|       | Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,   | 2-Phenylphenol                                    |   |  |
|       | Cucumber, Tomatoes,   | 3,5-diiodo-4-                                     |   |  |
|       | Watermelon, Peppers) High   | hydroxybenzonitrile                               |   |  |
|       | acid content and high-water content – (Grapes, Pineapple,   | 3-Hydroxycarbofuran                               |   |  |
|       | strawberry)   | 8-Hydroxyquinoline                                |   |  |
|       | High fat content and intermediate water content   | Acequinocyl                                       |   |  |
|       | (Avocado, Coconut) High starch and high protein content   | Acifluorfen                                       |   |  |
|       | and low water content and fat content – (Cereal, dhal, wheat  | Aclonifen   |   |  |
|       | flour) Difficult commodities- (Tea and spices)  Amisulbrom  Amitraz  Amitrole  Anilazine  Aziprotryne  Barben | -   |   |  |
|       |   | Amitraz   |   |  |
|       |   | Amitrole  |   |  |
|       |   | Anilazine   |   |  |
|       |   |   |   |  |
|       |   | Barben  |   |  |
|       |   | Benfuracarb                                       |   |  |
|       |   | Benthiocarb                                       |   |  |
|       |   | Benzoximate                                       |   |  |

| SI NO | Product(s) / Material of test  | Specific tests<br>performed             | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|--|---|---|--|
| 4.2   | Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, | Binapacryl                              | LCHE/TM/SOP /110  | 0.010 mg/kg                              |
|       |  | Bioallerthrin                           | : Rev 00:2020   |  |
|       |  | Biphenyl                                |   |  |
|       |  | Bromoxynil                              |   |  |
|       | Banana, Apple, Pears, Gerkin,  | Bromoxynil octanoate                    |   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High   | Butocarboxim                            |   |  |
|       | acid content and high-water  | Buturon                                 |   |  |
|       | content – (Grapes, Pineapple, strawberry)  | Captafol                                |   |  |
|       | High fat content and   | Chlorbromuron                           |   |  |
|       | intermediate water content (Avocado, Coconut) High   | Chlordimephon                           |   |  |
|       | (Avocado, Coconut) High starch and high protein content and low water content and fat  | Cyclouron                               |   |  |
|       | content – (Cereal, dhal, wheat   | Chromafenozide                          |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)  | Coumatetralyl                           |   |  |
|       |  | Climbazole                              |   |  |
|       |  | Cyenopyrafen                            |   |  |
|       |  | Cyhexatin                               |   |  |
|       |  | Cyromazine                              |   |  |
|       |  | d- Phenothrin                           |   |  |
|       |  | Dalpon                                  |   |  |
|       |  | Didecyl<br>dimethylammonium<br>Chloride |   |  |
|       |  | Dinocap                                 |   |  |
|       |  | Dithianon                               |   |  |
|       |  | Epoxyconazole                           |   |  |
|       |  | Ethametsulfuron- methyl                 |   |  |
|       |  | Ethephone                               |   |  |
|       |  | Ethidimuron                             |   |  |
|       |  | Fenbuconazole                           |   |  |
|       |  | Fenoprop                                |   |  |
|       |  | Fenurone                                |   |  |
|       |  | Flamprop-m-isopropyl                    |   |  |
|       |  | Flioxupyr-meptyl                        |   |  |

| SI NO | Product(s) / Material of test  | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|--|--------------------------|---|--|
| 4.2   | Fruits and Vegetables, Tea, Spices & Cereals Under following categories High water content commodities – (Leafy Vegetables, Mango, Papaya, | Flourochloridone         | LCHE/TM/SOP /110  | 0.010 mg/kg                              |
|       |  | Flubendimide             | : Rev 00:2020   |  |
|       |  | Flubenzimine             |   |  |
|       |  | Flucetosulfuron          |   |  |
|       | Banana, Apple, Pears, Gerkin,  | Fluensulfone             | _   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High   | Flumethrin               |   |  |
|       | acid content and high-water  | Flumeturon               | _   |  |
|       | content – (Grapes, Pineapple, strawberry)  | Fluoroglycofen-ethyl     |   |  |
|       | High fat content and   | Fluoxypyr meptyl         |   |  |
|       | intermediate water content (Avocado, Coconut) High   | Fluridone                |   |  |
|       | starch and high protein content<br>and low water content and fat   | Flurochloridon           |   |  |
|       | content – (Cereal, dhal, wheat   | Fomesafen                |   |  |
|       | flour) Difficult commodities-<br>(Tea and spices)  | Fonpropilate             |   |  |
|       |  | Furathiocarb             | -   |  |
|       |  | Imazosulfuron            |   |  |
|       |  | Isofetamide              |   |  |
|       |  | Isotianil                |   |  |
|       |  | Isoxaflutole             |   |  |
|       |  | Kasugamycine             |   |  |
|       |  | Mecoprop methyl ester    |   |  |
|       |  | Mefluidide               |   |  |
|       |  | Mephosfolan              |   |  |
|       |  | Mesotrione               |   |  |
|       |  | Metaflumizone            |   |  |
|       |  | Metamitron               |   |  |
|       |  | Methoprene               |   |  |
|       |  | Metosulam                |   |  |
|       |  | Metoxuron                |   |  |
|       |  | Milbemectin              |   |  |
|       |  | Naled                    |   |  |
|       |  | Orthosulfamuron          |   |  |

| SI NO    | Product(s) / Material of test   | Specific tests performed               | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|----------|---|--|---|--|
| 4.2      | Spices & Cereals Under following categories High water content commodities – (Leafy | Oryzaline                              | LCHE/TM/SOP /110  | 0.010 mg/kg                              |
|          |   | Oxamyl                                 | : Rev 00:2020   |  |
|          |   | Paraoxon                               |   |  |
|          |   | Penoxsulam                             |   |  |
|          | Vegetables, Mango, Papaya,<br>Banana, Apple, Pears, Gerkin,                         | Pentachlornitrobenzene                 |   |  |
|          | Cucumber, Tomatoes,<br>Watermelon, Peppers) High                                    | Penthiopyrad                           |   |  |
|          | acid content and high-water   | Phoxim                                 |   |  |
|          | content – (Grapes, Pineapple, strawberry)   | Prochloraz                             |   |  |
|          | High fat content and  | Promicarb                              |   |  |
|          | intermediate water content (Avocado, Coconut) High                                  | Propyrisulfuron                        |   |  |
|          | starch and high protein content and low water content and fat                       | Prosulfocarb                           | _   |  |
|          | content – (Cereal, dhal, wheat  | Pymetrazine                            |   |  |
|          | flour) Difficult commodities-<br>(Tea and spices)                                   | Pyrasulfotole                          | _   |  |
|          | (Tea and spices)  |  | _   |  |
|          |   | Pyrazon                                |   |  |
|          |   | Pyridate                               |   |  |
|          |   | Pyriftalid                             |   |  |
|          |   | Quinclorac                             |   |  |
|          |   | Sulcotrione                            | -   |  |
|          |   | Quinoclamine                           | 1   |  |
|          |   | Quizalfop p tefuryl                    |   |  |
|          |   | S,S,S-Tributyl<br>Phosphorotrithionate |   |  |
|          |   | Siduron                                |   |  |
|          |   | Sulfosulfuron                          |   |  |
|          |   | Teflubenzuron                          |   |  |
|          |   | Tembotrione                            |   |  |
|          |   | Temephos                               |   |  |
|          |   | Topramezone                            |   |  |
|          |   | Toxaphene                              |   |  |
|          |   | Tribenuron methyl                      |   |  |
|          |   | Triclopyr                              |   |  |
|          |   | Tricyclazole                           |   |  |
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| SI NO | Product(s) / Material of test                                      | Specific tests performed        | Test Method/ Standard<br>against which tests<br>are performed | Range of testing/<br>Limits of detection |
|-------|--|---------------------------------|---|--|
| 4.2   | Fruits and Vegetables, Tea,  | Triforine                       | LCHE/TM/SOP /110  | 0.010 mg/kg                              |
|       | Spices & Cereals   | Trinexapac ethyl                | : Rev 00:2020   |  |
|       | Under following categories High water content commodities – (Leafy | 2,6- Diisopropyl napthalene     |   |  |
|       | Vegetables, Mango, Papaya,   | Benoxacor                       |   |  |
|       | Banana, Apple, Pears, Gerkin,                                      | Griseofulvin                    |   |  |
|       | Cucumber, Tomatoes,<br>Watermelon, Peppers) High                   | Metriam                         |   |  |
|       | acid content and high-water  | Azidairachtin                   |   |  |
|       | content – (Grapes, Pineapple, strawberry)                          | Benthiazole                     |   |  |
|       | High fat content and intermediate water content                    | Chinomethionate                 |   |  |
|       | (Avocado, Coconut) High  | Azamethiophos                   |   |  |
|       | starch and high protein content and low water content and fat      | Ioxynil octanoate               |   |  |
|       | content – (Cereal, dhal, wheat flour) Difficult commodities-       | Bentazone                       |   |  |
|       | (Tea and spices)   | Pyribenozaxim                   |   |  |
|       |  | Dichlormide                     |   |  |
|       |  | Fenpropymorph                   |   |  |
|       |  | DEET                            |   |  |
|       |  | Flutamone                       |   |  |
|       |  | Ethephon                        |   |  |
| 4.3   | Water & Wastewater   | 1,2-Dibromo-3-<br>Chloropropane | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |  | 2,3,5,6-Tetrachloroaniline      |   |  |
|       |  | 2,4'-Methoxychlor               |   |  |
|       |  | 3,4-Dichloroaniline             |   |  |
|       |  | 4,4'-Methoxychlor olefins       |   |  |
|       |  | Acetochlor                      |   |  |
|       |  | Acrinathrin                     |   |  |
|       |  | Alachlor                        |   |  |
|       |  | Aldrin                          |   |  |
|       |  | Allidochlor                     |   |  |
|       |  | Aminocarb                       |   |  |
|       |  | Anthraquinone                   |   |  |
|       |  | Aramite peak 1                  |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Aramite peak 2           | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Atraton                  |   |  |
|       |                               | Atrazine                 | -   |  |
|       |                               | Azinphos-ethyl           | -   |  |
|       |                               | Azinphos-methyl          | -   |  |
|       |                               | Bendiocarb               |   |  |
|       |                               | Benfluralin              | -   |  |
|       |                               | BHC, Alpha               |   |  |
|       |                               | BHC, Beta                | -   |  |
|       |                               | BHC, delta               | -   |  |
|       |                               | BHC, gamma               |   |  |
|       |                               | Bifenthrin               |   |  |
|       |                               | Bioresmethrin            |   |  |
|       |                               | Bromacil                 |   |  |
|       |                               | Bromfenvinphos           |   |  |
|       |                               | Bromfenvinphos-methyl    |   |  |
|       |                               | Bromocyclen              |   |  |
|       |                               | Bromophos-ethyl          |   |  |
|       |                               | Bromophos-methyl         |   |  |
|       |                               | (Bromophos)              |   |  |
|       |                               | Bromopropylate           |   |  |
|       |                               | Bupirimate               |   |  |
|       |                               | Butylate (Sutan)         |   |  |
|       |                               | Cadusafos                |   |  |
|       |                               | Captan                   |   |  |
|       |                               | Carbetamide              |   |  |
|       |                               | Carbophenothion          |   |  |
|       |                               | Carbosulfan              |   |  |
|       |                               | Carfentrazon-ethyl       |   |  |
|       |                               | Carvone                  | ]   |  |
|       |                               | Chlorbenside             | -   |  |
|       |                               | Chlorbufam               | 1   |  |

| SI NO | Product(s) / Material of test | Specific tests performed      | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|-------------------------------|---|--|
| 4.3   | Water & Wastewater            | Chlordane alpha-Cis           | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Chlordane Gamma-trans         |   |  |
|       |                               | Chlorfenapyr                  |   |  |
|       |                               | Chlorfenprop-methyl           |   |  |
|       |                               | Chlorfenson                   |   |  |
|       |                               | Chlorfenvinphos               |   |  |
|       |                               | Chlorobenzilate               |   |  |
|       |                               | Chloroneb                     |   |  |
|       |                               | Chlorothalonil                |   |  |
|       |                               | Chlorpropham                  |   |  |
|       |                               | Chlorpyrifos-ethyl            |   |  |
|       |                               | Chlorpyrifos-methyl           |   |  |
|       |                               | Chlorthal-dimethyl            |   |  |
|       |                               | (Dacthal) Chlorthiamid        |   |  |
|       |                               | Chlorthiophos                 |   |  |
|       |                               | Chlozolinate                  |   |  |
|       |                               |                               |   |  |
|       |                               | Clethodim                     |   |  |
|       |                               | Clofentezine                  |   |  |
|       |                               | Clomazone                     |   |  |
|       |                               | Coumaphos                     |   |  |
|       |                               | Crimidine                     |   |  |
|       |                               | Cycloate                      |   |  |
|       |                               | Cyfluthrin peak 1             |   |  |
|       |                               | Cyfluthrin peak 2             |   |  |
|       |                               | Cyfluthrin peak 3             |   |  |
|       |                               | Cyfluthrin peak 4             |   |  |
|       |                               | Cyhalothrin I (lambda)        |   |  |
|       |                               | Cymoxanil                     |   |  |
|       |                               | Cypermethrin (Sum of isomers) |   |  |
|       |                               | Cypermethrin peak 2           |   |  |
|       |                               | Cypermethrin peak 3           |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Cypermethrin peak 4      | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Cyprodinil               |   |  |
|       |                               | Cyprofuram               |   |  |
|       |                               | Dazomet                  |   |  |
|       |                               | DDD p,p                  |   |  |
|       |                               | DDD, o, p                |   |  |
|       |                               | DDE o,p                  |   |  |
|       |                               | DDE p, p                 |   |  |
|       |                               | DDT o,p                  |   |  |
|       |                               | DDT p,p                  |   |  |
|       |                               | Deltamethrin             |   |  |
|       |                               | Dialifos                 |   |  |
|       |                               | Diallate-cis             |   |  |
|       |                               | Diallate-trans           |   |  |
|       |                               | Diazinon                 |   |  |
|       |                               | Dichlobenil              |   |  |
|       |                               | Dichlofenthion           |   |  |
|       |                               | Dichlofluanid            |   |  |
|       |                               | Dichlorobenzophenone, 4, |   |  |
|       |                               | Dichlorprop methyl ester |   |  |
|       |                               | Dicloran (Bortran)       |   |  |
|       |                               | Dicofol                  |   |  |
|       |                               | Dicrotophos              | -   |  |
|       |                               | Dieldrin                 |   |  |
|       |                               | Diethatyl-ethyl          |   |  |
|       |                               | Dimethachlor             |   |  |
|       |                               | Dimethametryn            |   |  |
|       |                               | Dimethipin               |   |  |
|       |                               | Dimetilan                |   |  |
|       |                               | Diniconazole             |   |  |
|       |                               | Dinobuton                |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Diofenolan peak 1        | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Diofenolan peak 2        |   |  |
|       |                               | Diphenamid               |   |  |
|       |                               | Diphenylamine            |   |  |
|       |                               | Dipropetryn              |   |  |
|       |                               | Disulfoton               |   |  |
|       |                               | Ditalimfos               |   |  |
|       |                               | DNOC                     |   |  |
|       |                               | Dodemorph peak 1         |   |  |
|       |                               | Dodemorph peak 2         |   |  |
|       |                               | Edifenphos               |   |  |
|       |                               | Endosulfan ether         |   |  |
|       |                               | Endosulfan peak 1        |   |  |
|       |                               | Endosulfan peak 2        |   |  |
|       |                               | Endosulfan sulfate       | -   |  |
|       |                               | Endrin                   |   |  |
|       |                               | Endrin Aldehyde          |   |  |
|       |                               | Endrin-Ketone            |   |  |
|       |                               | EPN                      | 1   |  |
|       |                               | Esfenvalerate            |   |  |
|       |                               | Etaconazole peak 1       |   |  |
|       |                               | Etaconazole peak 2       | _   |  |
|       |                               | Ethalfluralin            |   |  |
|       |                               | Ethiofencarb             |   |  |
|       |                               | Ethion                   | _   |  |
|       |                               | Etofenprox               |   |  |
|       |                               | Etridiazole (Terrazole)  |   |  |
|       |                               | Famphur                  |   |  |
|       |                               | Fenamidone               |   |  |
|       |                               | Fenamiphos               |   |  |
|       |                               | Fenchlorfos              |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Fenfuram                 | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Fenitrothion             |   |  |
|       |                               | Fenoxanil                |   |  |
|       |                               | Fenoxycarb               |   |  |
|       |                               | Fenpiclonil              |   |  |
|       |                               | Fenpropathrin            |   |  |
|       |                               | Fenson                   |   |  |
|       |                               | Fenthion                 |   |  |
|       |                               | Fenvalerate              |   |  |
|       |                               | Fipronil                 |   |  |
|       |                               | Flamprop-isopropyl       | -   |  |
|       |                               | Fluazifop-P-butyl        |   |  |
|       |                               | Fluchloralin             |   |  |
|       |                               | Flucythrinate peak 1     |   |  |
|       |                               | Flucythrinate peak 2     |   |  |
|       |                               | Fludioxonil              |   |  |
|       |                               | Flumetralin              |   |  |
|       |                               | Fluorodifen              |   |  |
|       |                               | Fluotrimazole            |   |  |
|       |                               | Fluquinconazole          |   |  |
|       |                               | Fluroxypyr               |   |  |
|       |                               | Flusilazole              |   |  |
|       |                               | Flutolanil               |   |  |
|       |                               | Flutriafol               |   |  |
|       |                               | Fluvalinate peak 1       |   |  |
|       |                               | Fluvalinate peak 2       |   |  |
|       |                               | Folpet                   |   |  |
|       |                               | Fonofos                  |   |  |
|       |                               | Fuberidazol              |   |  |
|       |                               | Heptachlor               |   |  |
|       |                               | Heptachlor epoxide       |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Hexachlorobenzene        | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Hexazinone               |   |  |
|       |                               | Iodofenfos               |   |  |
|       |                               | Ipconazole               |   |  |
|       |                               | Iprodione                |   |  |
|       |                               | Isazophos                |   |  |
|       |                               | Isocarbamid              |   |  |
|       |                               | Isodrin                  |   |  |
|       |                               | Isofenphos               |   |  |
|       |                               | Isoprocarb               |   |  |
|       |                               | Isopropalin              |   |  |
|       |                               | Lactofen                 |   |  |
|       |                               | Lenacil                  |   |  |
|       |                               | Leptophos                |   |  |
|       |                               | Linuron                  |   |  |
|       |                               | Malathion                |   |  |
|       |                               | Mefenacet                |   |  |
|       |                               | Mefenoxam                |   |  |
|       |                               | Metalaxyl                |   |  |
|       |                               | Metazachlor              |   |  |
|       |                               | Methacrifos              |   |  |
|       |                               | Methidathion             |   |  |
|       |                               | Methiocarb               |   |  |
|       |                               | Methoprotryne            |   |  |
|       |                               | Methoxychlor             |   |  |
|       |                               | Metobromuron             |   |  |
|       |                               | Metolachlor              |   |  |
|       |                               | Mevinphos                |   |  |
|       |                               | MGK-264 A                |   |  |
|       |                               | MGK-264 B                |   |  |
|       |                               | Mirex                    |   |  |
|       |                               | Molinate (Ordram)        |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Myclobutanil             | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | N-(2,4-                  |   |  |
|       |                               | Dimethylphenyl)formamid  |   |  |
|       |                               | e<br>Napropamide         |   |  |
|       |                               | Nitralin                 |   |  |
|       |                               | Nitrofen                 |   |  |
|       |                               |                          |   |  |
|       |                               | Nitrothal-isopropyl      |   |  |
|       |                               | Nonachlor-cis            |   |  |
|       |                               | Nonachlor-trans          |   |  |
|       |                               | Norflurazon              |   |  |
|       |                               | Nuarimol                 |   |  |
|       |                               | Ofurace                  |   |  |
|       |                               | Ortho-phenylphenol       |   |  |
|       |                               | Oxadiazon                |   |  |
|       |                               | Oxadixyl                 |   |  |
|       |                               | Oxyfluorfen              |   |  |
|       |                               | Paclobutrazol            |   |  |
|       |                               | Parathion (ethyl)        |   |  |
|       |                               | Parathion-methyl         |   |  |
|       |                               | Pebulate                 |   |  |
|       |                               | Penconazole              |   |  |
|       |                               | Pendimethalin            |   |  |
|       |                               | Pentachloroaniline       |   |  |
|       |                               | Pentachloroanisole       |   |  |
|       |                               | Pentachlorobenzene       |   |  |
|       |                               | Pentachlorobenzonitrile  |   |  |
|       |                               | Pentachlorophenol        |   |  |
|       |                               | Pentachlorothioanisole   |   |  |
|       |                               | Permethrin peak 1        |   |  |
|       |                               | Permethrin peak 2        |   |  |
|       |                               | Perthane (Ethylan)       |   |  |
|       |                               | Phenmedipham             |   |  |
|       |                               | Phenothrin               |   |  |
|       |                               | 1 HOHOURIH               |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Phorate                  | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Phosalone                |   |  |
|       |                               | Phosfolan                |   |  |
|       |                               | Phosmet                  |   |  |
|       |                               | Phthalimide              |   |  |
|       |                               | Picoxystrobin            |   |  |
|       |                               | Piperonyl butoxide       |   |  |
|       |                               | Piperophos               |   |  |
|       |                               | Pirimiphos-ethyl         |   |  |
|       |                               | Pirimiphos-methyl        |   |  |
|       |                               | Pretilachlor             |   |  |
|       |                               | Procymidone              |   |  |
|       |                               | Prodiamine               |   |  |
|       |                               | Profenofos               |   |  |
|       |                               | Profluralin              |   |  |
|       |                               | Prometon                 |   |  |
|       |                               | Propachlor               |   |  |
|       |                               | Propanil                 |   |  |
|       |                               | Propazine                |   |  |
|       |                               | Propham                  |   |  |
|       |                               | Propisochlor             |   |  |
|       |                               | Propyzamide              |   |  |
|       |                               | Prothiofos               |   |  |
|       |                               | Pyraclofos               |   |  |
|       |                               | Pyrazophos               |   |  |
|       |                               | Pyridaben                |   |  |
|       |                               | Pyridaphenthion          |   |  |
|       |                               | Pyrimethanil             |   |  |
|       |                               | Pyriproxyfen             |   |  |
|       |                               | Quinalphos               |   |  |
|       |                               | Quinomethionate          |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed     | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|------------------------------|---|--|
| 4.3   | Water & Wastewater            | Quintozene                   | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Quizalofop-ethyl             |   |  |
|       |                               | Resmethrin                   | -   |  |
|       |                               | Sebuthylazin                 |   |  |
|       |                               | Secbumeton                   |   |  |
|       |                               | Silafluofen                  |   |  |
|       |                               | S-Metolachlor                |   |  |
|       |                               | Spirodiclofen                |   |  |
|       |                               | Sulfotep                     |   |  |
|       |                               | Sulprofos                    |   |  |
|       |                               | Tebuconazole                 |   |  |
|       |                               | Tebufenpyrad                 |   |  |
|       |                               | Tebupirimfos                 |   |  |
|       |                               | Tebutam                      |   |  |
|       |                               | Tebuthiuron                  |   |  |
|       |                               | Tecnazene                    |   |  |
|       |                               | Tefluthrin                   |   |  |
|       |                               | Terbacil                     |   |  |
|       |                               | Terbufos                     |   |  |
|       |                               | Terbumeton                   |   |  |
|       |                               | Terbuthylazine               |   |  |
|       |                               | Terbutryn                    |   |  |
|       |                               | Tetrachlorvinphos            |   |  |
|       |                               | Tetraconazole                |   |  |
|       |                               | Tetradifon                   |   |  |
|       |                               | Tetrahydrophthalimide (THPI) |   |  |
|       |                               | Tetramethrin peak 1          |   |  |
|       |                               | Tetramethrin peak 2          |   |  |
|       |                               | Theometon                    |   |  |
|       |                               | Tolclofos-methyl             |   |  |
|       |                               | Tolylfluanid                 |   |  |
|       |                               |                              |   |  |
|       |                               |                              |   |  |

| SI NO | Product(s) / Material of test | Specific tests performed | Test Method/ Standard against which tests are performed | Range of testing/<br>Limits of detection |
|-------|-------------------------------|--------------------------|---|--|
| 4.3   | Water & Wastewater            | Transfluthrin            | LCHE/TM/SOP108  | 0.010 mg/kg                              |
|       |                               | Triadimefon              |   | 0.010 mg/kg                              |
|       |                               | Triadimenol              |   |  |
|       |                               | Triallate                |   |  |
|       |                               | Triazophos               |   |  |
|       |                               | Trietazine               |   |  |
|       |                               | Triflumizole             |   |  |
|       |                               | Trifluralin              |   |  |
|       |                               | Triphenylphosphate       |   |  |
|       |                               | Vernolate                |   |  |
|       |                               | Vinclozolin              |   |  |
|       |                               | XMC                      |   |  |
|       |                               | Glyphosate               | LCHE/TM/SOP 114   | 0.0010 mg/kg                             |

Director/CEO Sri Lanka Accreditation Board for Conformity Assessment