



Valid from 19 November 2013  
To 18 November 2016  
Issued on 03 March 2014

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



ISO/ IEC 17025  
TL 016-02

## Schedule of Accreditation

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

Accreditation Number: TL 016-02

**Microbiology Laboratory**  
**Sri Lanka Standards Institution**  
**No.17, Victoria Place,**  
**Elvitigala Mawatha, Colombo 08**

**Scope of Accreditation: Performing Microbiology Testing on Products Categories of Food & Agricultural Products, Water, Ice, Tea (Black & Green) and Desiccated Coconut based on ISO and SLS test methods as per in this schedule.**

The laboratory is accredited for the following tests.

| Sl No                                 | Product(s) / Material of test                              | Specific tests performed           | Test Method / Standard against which tests are performed | Limits of detection | Uncertainty (±) |
|---------------------------------------|--|------------------------------------|--|---------------------|-----------------|
| <b>Food and Agricultural Products</b> |  |                                    |  |                     |                 |
| 01                                    | <b>Beverages</b><br>Carbonated Beverages<br>SLS 183 – 1997 | Aerobic Plate Count/ml<br>at 30° C | SLS 516 Part 1: 1991                                     | >1 CFU /ml          | 20%             |
|                                       | R.T.S Fruit drinks<br>SLS 729-2010                         | Coliforms MPN/ml                   | SLS 516 Part 3: 1982                                     | >0.3 MPN/ ml        | 6%              |
|                                       | Synthetic artificial cordials<br>SLS 221: 2010             | Yeast & Mould Count/ml             | SLS 516 Part 2: 1991                                     | > 1 CFU / ml        | 27%             |
|                                       | Beer<br>SLS 234-1985                                       | Coliforms MPN/ml                   | SLS 516 Part 3: 1982                                     | >0.3 MPN/ ml        | 6%              |

| SI No                        | Product(s) / Material of test  | Specific tests performed              | Test Method / Standard against which tests are performed             | Limits of detection n           | Uncertainty (±)      |
|------------------------------|--|---------------------------------------|--|---------------------------------|----------------------|
| 02                           | <u>Tea</u><br>Black and Green  | Aerobic Plate Count (APC) /g at 30° C | SLS 516 Part I: 1991   | >10 CFU/ g                      | 20%                  |
|                              |  | Aerobic Plate Count (APC) /g at 30° C | ISO 4833: 2003   | > 10 CFU/ g                     | 20%                  |
|                              |  | Coliforms MPN/ g                      | SLS 516 Part 3: 1982   | > 3 MPN/ g                      | 6%                   |
|                              |  | Coliforms MPN/ g                      | ISO 4831:2006  | > 3 MPN/ g                      | 6%                   |
|                              |  | <i>E. coli</i> MPN/g                  | SLS 516 Part 3: 1982   | > 3 MPN/ g                      | 30%                  |
|                              |  | <i>Yeast &amp; Mould Count/g</i>      | SLS516Part 2: 1991<br>ISO 21527-2-2008                               | > 10/ g                         | 27%                  |
|                              |  | <i>Salmonella / 25 g</i>              | SLS 516 Part5: 1992<br>ISO 6579:2002                                 | Present/<br>absent              | -                    |
| 03                           | <u>Edible Oils and Derived Products</u><br>Margarine<br>SLS 277-1987 | Aerobic Plate Count/ml at 30° C       | SLS 516 Part 1: 1991   | > 10/ g                         | 20%                  |
|                              |  | Coliform s MPN/g                      | SLS 516 Part 3: 1982   | > 3 MPN/ g                      | 6%                   |
|                              |  | Yeast Count / g                       | SLS 516 Part 2: 1991   | > 10/ g                         | 27%                  |
|                              |  | Mould Count/ g                        | SLS 516 Part 2: 1991   | > 10/ g                         | 27%                  |
|                              |  | Lipolytic Organisms/g                 | SLS 516 Part 11: 1999  | > 10/ g                         | 29%                  |
|                              | Butter<br>SLS 279:1988   | Coliform s MPN/g                      | SLS 516 Part 3: 1982   | > 3 MPN/ g                      | 6%                   |
|                              |  | Yeast Count / g                       | SLS 516 Part 2: 1991   | > 10/ g                         | 27%                  |
|                              |  | Mould Count/ g                        | SLS 516 Part 2: 1991   | > 10/ g                         | 27%                  |
|                              |  | Lypolytic Organisms/g                 | SLS 516 Part 11: 1999  | > 10/ g                         | 29%                  |
|                              |  | 04                                    | <u>Poultry and Poultry Products</u><br>Poultry Meat<br>SLS 1161-2003 | Aerobic Plate Count/ml at 22° C | SLS 516 Part 1: 1991 |
| <i>Salmonella / 25 g</i>     | SLS 516 Part 5: 1992<br>ISO 6579: 2002                               |                                       |  | Present/<br>absent              | -                    |
| <i>Staphyloccus aureus/g</i> | SLS 516 Part 6: 1992   |                                       |  | > 10/ g                         | 29%                  |
| 05                           | <u>Canned Foods</u><br>Canned Fish<br>SLS 591-1982                   | Commercial Sterility                  | SLS 516 Part 10: 1983  | Sterile/<br>Not sterile         | 38%                  |

| SI No | Product(s) / Material of test  | Specific tests performed                   | Test Method / Standard against which tests are performed | Limits of detection        | Uncertainty (±) |
|-------|--|--|--|----------------------------|-----------------|
| 06    | <b><u>Vegetable and Vegetable Products</u></b><br>Tomato Sauce<br>SLS 260-2008<br>Chili Sauce<br>SLS 581-2008  | Howard Mould Count                         | SLS 260 :2008  | > 1 No. of positive fields | 38%             |
| 07    | <b><u>Heat Processed foods in sealed containers</u></b><br><br>Ready to eat extruded snacks<br>(SLS 1162:1997)   | Aerobic Plate Count/g at 30° C             | SLS 516 Part 1: 1991                                     | > 10/ g                    | 20%             |
|       |  | Coliforms MPN/g                            | SLS 516 Part 3: 1982 (                                   | > 3MPN/ g                  | 6%              |
|       |  | <i>E. coli</i> MPN/g                       | SLS 516 Part 3: 1982                                     | > 3 MPN/ g                 | 30%             |
|       |  | <i>Salmonella</i> / 25 g                   | SLS 516 Part 5: 1992                                     | Present/ absent            | -               |
| 08    | <b><u>Meat and meat products</u></b><br><br>Comminuted meat<br>(SLS 1218: 2001)  | <i>Staphylococcus aureus</i> /g            | SLS 516 Part 6: 1992                                     | > 10/ g                    | 29%             |
|       |  | <i>E. coli</i> MPN/g                       | SLS 516 Part 3 : 1982                                    | > 3 MPN/ g                 | 30%             |
|       |  | <i>Salmonella</i> / 25 g                   | SLS 516 Part 5: 1992                                     | Present / absent           | -               |
| 09    | <b><u>Fish &amp; Fishery Products</u></b><br>(Quick frozen whole fish, fish fillets, steaks and minced fish (SLS 1141:1996)<br><br>Chilled whole fish, fish fillets, steaks and minced fish (SLS 1141:1996 )<br><br>Quick frozen prawns (SLS 10: 1991) | Aerobic Plate Count (APC) /g / ml at 30° C | SLS 516 Part I: 1991                                     | > 10/ g                    | 20%             |
|       |  | <i>E. coli</i> MPN/g                       | SLS 516 Part 3: 1982                                     | > 3 MPN/ g                 | 30%             |
|       |  | <i>Salmonella</i> / 25 g                   | SLS 516 Part 5: 1992                                     | Present/ absent            | -               |
|       |  | <i>Staphylococcus aureus</i> /g            | SLS 516 Part 6: 1992                                     | > 10/ g                    | 29%             |
|       |  | <i>Vibrio cholerae</i> / 25g               | SLS 516 Part 7: 1982                                     | Present/ absent            | -               |
|       |  | <i>Vibrio parahaemolyticus</i> / 25g       | SLS 516 Part 7: 1982                                     | Present/ absent            | -               |
| 10    | <b><u>Milk &amp; Milk Products</u></b><br>Milk Powder<br>( SLS 731 :2008)  | Aerobic Plate Count (APC) /g at 30° C      | SLS 516 Part I: 1991                                     | > 10/ g                    | 20%             |
|       |  | Coliforms MPN/g                            | SLS 516 Part 3: 1982                                     | > 3 MPN/ g                 | 6%              |
|       |  | <i>E. coli</i> MPN/g                       | SLS 516 Part 3: 1982                                     | > 3 MPN/ g                 | 30%             |
|       |  | <i>Staphylococcus aureus</i> /g            | SLS 516 Part 6: 1992                                     | > 10/ g                    | 29%             |
|       |  | <i>Salmonella</i> / 25 g                   | SLS 516 Part 5: 1992                                     | Present/ absent            | -               |
|       | Ice cream<br>(SLS 223: 1989)   | Aerobic Plate Count (APC) /g at 30° C      | SLS 516 Part I: 1991                                     | > 10/ g                    | 20%             |
|       |  | Coliforms MPN/g                            | SLS 516 Part 3: 1982                                     | > 3 MPN/ g                 | 6%              |
|       |  | <i>Salmonella</i> / 25 g                   | SLS 516 Part 5: 1992                                     | Present/ absent            | -               |
|       |  |  |  |                            |                 |

| SI No | Product(s) / Material of test                                  | Specific tests performed                              | Test Method / Standard against which tests are performed | Limits of detection | Uncertainty (±) |
|-------|--|---|--|---------------------|-----------------|
| 11    | <b>Water</b><br>Bottled Natural Mineral Water<br>SLS 1038-1999 | Aerobic Plate Count/ml at 22° C and 37° C             | SLS 516 Part 1: 1991                                     | > 1/ ml             | 20%             |
|       |  | Coliforms MF/250ml                                    | SLS 614 Part 2: 1983                                     | > 1/250 ml          | -               |
|       |  | <i>E. coli</i> MF/250ml                               | SLS 614 Part 2: 1983                                     | > 1/250 ml          | -               |
| 12    | Water for EU requirements                                      | Aerobic Plate Count/ml at 22° C and 37° C             | SLS 516 Part 1: 1991                                     | > 1/ ml             | 20%             |
|       |  | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 6%              |
|       |  | Coliforms MF/ 100ml                                   | ISO 9308-1:2000  | > 1/100 ml          | -               |
|       |  | Faecal Coliforms MF /100 ml                           | ISO 9308-1:2000  | > 1/100 ml          | -               |
|       |  | <i>E. coli</i> MPN/100 ml                             | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 30%             |
|       |  | <i>E. coli</i> MF /100 ml                             | ISO 9308-1:2000  | >1/100 ml           | -               |
|       |  | Intestinal Enterococci (Faecal Streptococci)MF/100 ml | ISO 7899-2:2000  | >1/100 ml           | -               |
| 13    | Bottled Drinking Water<br>SLS 894-2003                         | Aerobic Plate Count/ml at 37° C                       | SLS 516 Part 1: 1991                                     | >1/ ml              | 20%             |
|       |  | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 6%              |
|       |  | <i>E. coli</i> MPN/100 ml                             | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 30%             |
| 14    | Process Water  | Aerobic Plate Count/ml At 37°C                        | SLS 516 Part 1: 1991                                     | > 1/ ml             | 20%             |
|       |  | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 6%              |
|       |  | Faecal Coliforms MPN/100 ml                           | SLS 614 Part 2: 1983                                     | > 0 MPN/ 100 ml     | -               |
|       |  | <i>E. coli</i> MPN/100 ml                             | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 30%             |
| 15    | Potable Water  | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | > 0 MPN/ 100 ml     | 6%              |
|       |  | <i>E. coli</i> MPN/100 ml                             | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml      | 30%             |

| Sl No                     | Product(s) / Material of test   | Specific tests performed                              | Test Method / Standard against which tests are performed | Range of testing/ Limits of detection | Uncertainty (±) |
|---------------------------|---------------------------------|---|--|---------------------------------------|-----------------|
| 16                        | Ice for EU requirements         | Aerobic Plate Count/ml at 22° C and 37° C             | SLS 516 Part 1: 1991                                     | > 1/ ml                               | 20%             |
|                           |                                 | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | > 0 MPN/ 100 ml                       | 6%              |
|                           |                                 | Coliforms MF/ 100ml                                   | ISO 9308-1:2000  | > 1/ 100 ml                           | -               |
|                           |                                 | Faecal Coliforms MF/100 ml                            | ISO 9308-1:2000  | > 1/ 100 ml                           | -               |
|                           |                                 | <i>E. Coli</i> MF/ 100 ml                             | ISO 9308-1:2000  | > 1/ 100 ml                           | -               |
|                           |                                 | <i>E. coli</i> MPN /100 ml                            | SLS 614 Part 2: 1983                                     | > 0 MPN/ 100 ml                       | 30%             |
|                           |                                 | Intestinal Enterococci (Faecal Streptococci)MF/100 ml | ISO 7899-2:2000  | > 1/ ml                               | -               |
|                           | Ice for Processing SLS 971-1992 | Aerobic Plate Count/ml At 37° C                       | SLS 516 Part 1: 1991                                     | > 1/ ml                               | 20%             |
|                           |                                 | Coliforms MPN/ 100ml                                  | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml                        | 6%              |
|                           |                                 | Faecal Coliforms MPN/100 ml                           | SLS 614 Part 2: 1983                                     | >0 MPN/ 100 ml                        | -               |
| <i>E. coli</i> MPN/100 ml |                                 | SLS 614 Part 2: 1983                                  | >0 MPN/ 100 ml   | 30%                                   |                 |
| 17                        | Tea Black and Green             | Ecoli MPN/g   | SO 7251:2005   | >3 MPN/g                              | 30%             |
| 18                        | Desiccated Coconut              | Aerobic Plate Count / g at 30 °c                      | SLS 516 Part 1 : 1991<br>ISO 4833 : 2003                 | >10/g                                 | 20%             |
|                           |                                 | Yeast and Mould Count/g                               | SLS 516 Part 2 : 1991<br>ISO 21527-2 :2008               | >10/g                                 | 27%             |
|                           |                                 | Coliforms MPN/g                                       | SLS 516 Part 3 : 1982<br>ISO 4831 :2006                  | >3 MPN/g                              | 6%              |
|                           |                                 | Salmonella /25g                                       | SLS 516 Part 5 : 1992<br>ISO 6579 :2002                  | Present/ Absent Test                  | -               |

Director /CEO  
Sri Lanka Accreditation Board for Conformity Assessment