



Valid from 16 September 2023
to 16 September 2026
Issued on 13 February 2024

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 Biological Testing on Product Categories of Food and agricultural Products, Water and Ice, Cosmetics, and fertilizer based on ISO and SLS methods appearing in this schedule.

The Laboratory is accredited for the following tests appear on page 02 of 07 to page 07 of 07;

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
Food and Agricultural Products				
1.	Carbonated Beverages (<i>SLS 183:2013</i>) R.T.S Fruit drinks (<i>SLS 729:2010</i>) Synthetic artificial cordials (<i>SLS 221 :2010</i>) Fruit Juice & Nectars (<i>SLS 1328:2008</i>) Cocoa based confectionery (<i>SLS 1509:2015</i>) Infant formula (Starter) (<i>SLS 651: 2007</i>)	Aerobic Plate Count/ml Yeast & Mould Count/ml	SLS 516 Part 1: Sec 1 : 2013 (ISO 4833-1:2013) SLS 516 Part 2: Sec 1 : 2013 (ISO 21527-1: 2008)	>1cfu / ml >1cfu / ml
2.	Tea (<i>Black and Green</i>) Poultry Meat (<i>SLS 1161:2003</i>) Fat Spreads & Blended Fat spreads (<i>SLS 1427:2011</i>) Ready to eat extruded snacks (<i>SLS 1162:1997</i>) Milk Powder (<i>SLS 731 :2008</i>) Ice cream (<i>SLS 223:2017</i>) Desiccated Coconut (<i>SLS 98:2013</i>) Dried fish (<i>SLS 643:2007</i>) Frozen confections and freeze drinks (<i>SLS 967:1992</i>) Textured soya protein (Defatted) (<i>SLS 898:2017</i>) Processed cereal-based foods infants and young children (<i>SLS 1036:2011</i>) Sweetened Condensed milk (<i>SLS 179:2012</i>) Black pepper and white pepper ground (<i>SLS 1372:2009</i>) Biscuit (<i>SLS 251:2010</i>) Coconut milk power (<i>SLS 1309:2007</i>) Malted food (<i>SLS 897:2017</i>)	Aerobic Plate Count/g	SLS 516 Part 1: Sec 1 : 2013 (ISO 4833-1:2013)	>10 cfu / g

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3.	Tea (<i>Black and Green</i>) Desiccated Coconut (<i>SLS 98:2013</i>) Dried fish (<i>SLS 643:2007</i>) Cheese (<i>SLS 773:1987</i>) Wafers (<i>SLS 1313:2007</i>) Biscuit (<i>SLS 251:2010</i>) Black pepper and white pepper ground (<i>SLS 1372:2009</i>) Sweetened Condensed milk (<i>SLS 179:2012</i>) Curry powder (<i>SLS 134 :2017</i>) Malted food (<i>SLS 897:2017</i>) Coconut Oil (<i>SLS 32: 2017</i>) Cocoa based confectionery (<i>SLS 1509: 2015</i>)	Yeast & Mould Count/g	SLS 516 Part 2: Sec 2 : 2013 (ISO 21527-2: 2008)	>10 / g
4.	Fat Spreads & Blended Fat spreads (<i>SLS 1427:2011</i>) Butter (Salted) (<i>SLS 279:1988</i>) Chocolate (<i>SLS 326:2015</i>) Cake (<i>SLS 1074:1995</i>)	Yeast Count /g Mould Count/g	SLS 516 Part 2: Sec 2: 2013 (ISO 21527-2: 2008)	>10 / g
5.	Butter (Unsalted) (<i>SLS 279:1988</i>)	Yeast Count /g Mould Count /g	SLS 516 Part 2: Sec 1 : 2013 (ISO 21527-1: 2008)	>10 / g
6.	Kurakkan Flour (<i>SLS 928: 1991</i>) Rice flour (<i>SLS 913:1991</i>) Chilli whole and ground (<i>SLS 1563 :2017</i>) Turmeric powder (<i>SLS 613 :2017</i>) Instant Hopper mix (<i>SLS 1631: 2019</i>) Instant those mix and idly mix (<i>SLS 1629: 2019</i>)	Mould Count/g	SLS 516 Part 2: Sec 2 : 2013 (ISO 21527-2: 2008)	>10 / g
7.	Carbonated Beverages (<i>SLS 183 : 2013</i>) R.T.S Fruit drinks (<i>SLS 729 : 2010</i>) Synthetic artificial cordials (<i>SLS 221 :2010</i>) Fruit Juice & Nectars (<i>SLS 1328:2008</i>) Beer (<i>SLS 234:1985</i>)	Coliforms MPN/ml	SLS 516 Part 3: Sec 1: 2013 (ISO 4831:2006)	> 0.03 MPN/ml

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
8.	Tea (<i>Black and Green</i>) Ready to eat extruded snacks (SLS 1162:1997) Dried fish (SLS 643:2007) Yoghurt (SLS 824:Part2: 2018) Ice cream (SLS 223: 2017) Comminuted meat (SLS 1218: 2001) Cheese (SLS 773:1987) Wafers (SLS 1313:2007) Biscuit (SLS 251:2010) Black pepper and white pepper ground (SLS 1372:2009) Milk Powder (SLS 731 :2008) Curd (SLS 824: Part1:2017) Coconut milk power (SLS 1309:2007) Bacon (SLS 342:2001) Ham (SLS 1146:2001) Malted food (SLS 897:2017) Chilli whole and ground (SLS 1563 :2017) Curry powder (SLS 134 :2017) Infant formula (Starter) (SLS 651: 2007)	E. coli MPN/g	SLS 516 Part 12: 2013 (ISO 7251 : 2005)	> 0.3 MPN / g
9.	Tea (<i>Black and Green</i>) Fat Spreads & Blended Fat spreads (SLS 1427:2011) Butter (SLS 279:1988) Ready to eat extruded snacks (SLS 1162:1997) Milk Powder (SLS 731 :2008) Ice cream (SLS 223: 2017) Desiccated Coconut (SLS 98:2013) Dried fish (SLS 643:2007) Frozen confections and freeze drinks (SLS 967:1992) Textured soya protein (Defatted) (SLS 898:2017) Processed cereal-based foods infants and young children (SLS 1036:2011) Sweetened Condensed milk (SLS 179:2012) Biscuit (SLS 251:2010) Coconut milk power (SLS 1309:2007) Malted food (SLS 897:2017) Wafers (SLS 1313:2007) Yoghurt (SLS 824:Part 2: 2018) Curd(SLS 824 : Part 1:2017) Cake (SLS1074:1995) Infant formula (Starter) (SLS 651: 2007)	Coliforms MPN/ g	SLS 516 Part 3: Sec 1 : 2013 (ISO 4831:2006)	> 0.3 MPN / g

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
10.	Fat Spreads & Blended Fat spreads (SLS 1427:2011) Butter (SLS 279:1988) Cake (SLS1074:1995)	Lipolytic Organisms/g	SLS 516 Part 11: 1999	>10 g
11.	Poultry Meat (SLS 1161:2003) Comminuted meat (SLS 1218: 2001) Ice cream (SLS 223: 2017) Milk Powder (SLS 731 :2008) Sweetened Condensed milk (SLS 179:2012) Biscuit (SLS 251:2010) Bacon (SLS 342:2001) Wafers(SLS 1313:2007) Dried fish (SLS 643:2007) Cheese (SLS 773:1987) Ham (SLS 1146:2001) Curd (SLS 824 : Part 1: 2017) Yoghurt (SLS 824:Part 2: 2018) Cake (SLS 1074:1995) Cocoa based confectionery (SLS 1509: 2015)	<i>Staphylococcus aureus</i> / g	SLS 516 Part 6: Sec 1 : 2013 (ISO 6888-1 : 1999)	>10 g
12.	Tea (<i>Black and Green</i>) Poultry Meat (SLS 1161:2003) Ready to eat extruded snacks (SLS 1162:1997) Comminuted meat (SLS 1218: 2001) Milk Powder (SLS 731 :2008) Ice cream (SLS 223: 2017) Desiccated Coconut (SLS 98:2013) Frozen confections and freeze drinks (SLS 967:1992) Textured soya protein (Defatted)(SLS 898:2017) Processed cereal-based foods infants and young children (SLS 1036:2011) Sweetened Condensed milk (SLS 179:2012) Black pepper and white pepper ground (SLS 1372:2009) Biscuit (SLS 251:2010) Coconut milk power (SLS 1309:2007) Ice cream (SLS 223: 2017) Bacon (SLS 342:2001) Infant formula (Starter) (SLS 651: 2007) Ham (SLS 1146:2001) Chocolate (SLS 326:2015) Wafers (SLS 1313:2007) Malted food(SLS 897:2017) Chilli whole and ground (SLS 1563 :2017) Curry powder(SLS 134 :2017) Turmeric powder (SLS 613 :2017) Curd (SLS 824 : Part 1: 2017) Yoghurt (SLS 824:Part 2: 2018)	<i>Salmonella</i> / 25g	SLS 516 Part 5: 2017 (ISO 6579: 2017)	Present / Absent

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
13.	Yoghurt (SLS 824:Part 2: 2018)	Yeast Count/g Mould Count/ g	SLS 1558 Part 1 : 2017	>10 g
14.	Tomato Sauce/ Ketchup (SLS 260:2008) Chili Sauce (SLS 581:2008) Jams, Jellies and Marmalades(SLS 265:2011) Mango chutney (SLS 446:2001)	Howard Mould Count	SLS 260 :2008 SLS 581:2008 SLS 265:2011	>1 no. of positive fields
15.	Canned Fish (SLS 591:2014) Aqueous Coconut Products Part 1 Coconut milk (SLS 1365 Part 1:2009) Aqueous Coconut Products Part 2 Coconut cream and coconut paste (SLS 1365 Part 2:2009) Coconut milk (SLS 1365 Part 1: 2009)	Commercial Sterility	SLS 516 Part 10: 1983	Commercially Sterile/ Commercially non sterile
16.	Split lentils (SLS 896: 2020)	Yeast and mould Count/g	SLS 516 Part2 : Sec2: 2013 (ISO 21527-2: 2008)	>10/ g
17.	Ceylon cinnamon	E.coli MPN/g	SLS 516 Part 12: 2013 (ISO 7251: 2005)	>0 MPN/g
		Salmonella/ 25 g	SLS 516 Part 5: 2017	Present/ Absent
Water and Ice				
18.	Bottled Drinking Water (SLS 894:2020) Potable Water (SLS 614:2013) Water / Ice (EU requirements) Bottled (Packaged) Natural Mineral Water (SLS 1038:2020) Bottled Drinking Water (SLS 894:2003) Potable Water (SLS 614:2013) Ice for Processing (SLS 971:1992) Water / Ice (EU requirements) Bottled Natural Mineral Water (SLS 1038:2003)	Aerobic Plate Count/ml at 22 °C & 37 °C	SLS 1461 Part 2: Sec 1 : 2013 (ISO 6222:1999)	>1cfu/ml
		Aerobic Plate Count/ml at 22 °C & 37 °C	SLS 516 Part 1: Sec 1 : 2013 (ISO 4833-1:2013)	>1cfu / ml
		Coliforms MF/250 ml E. coli MF/250 ml	SLS 1461 Part 1 Sec 1: 2015 (ISO 9308-1:2014)	>1 /250 ml
		Coliforms MF/ 100 ml Faecal Coliforms MF/100 ml E. coli MF/100 ml	SLS 1461 Part 1 Sec 1: 2015 (ISO 9308-1:2014)	>1 /100 ml
		Intestinal Enterococci (Faecal Streptococci) MF/250 ml	ISO 7899-2:2000	>1 /100 ml
		Coliforms MPN/ 100ml E. coli MPN/100 ml Faecal Coliforms MPN/100 ml	SLS 1461 Part 1 Sec 3: 2013	>0 MPN/100 ml

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Cosmetics				
19.	Baby cologne (SLS 589: 2018) Skin powder (SLS 389: 2014) Skin cream and lotions for baby (SLS 742: 2014) Skin cream and lotions (SLS 743: 2014) Hair shampoo (SLS 1346: 2018) Tooth paste (SLS 275: 2014) Hair cream (SLS 611) Hair shampoo for babies (SLS 1342: 2018) Shaving cream (SLS 796) Baby oil (SLS 1191)	Total aerobic mesophilic microorganisms	SLS 1349: 2018 (ISO 21149: 2017) SLS 1445: 2018 (ISO 16612: 2017)	>10 cfu/g
		Candida albicans	SLS 1488: 2016 (ISO 21149: 2017)	Present/Absent
20.	Tooth paste (SLS 275: 2014) Skin powder for babies (SLS 187: 2013)	Aerobic plate count	SLS 1349: 2018 (ISO 21149:2017)	>10 cfu/g
Fertilizer and fertilizer Products				
21.	Compost for organic agriculture (SLS 1684: 2020)	<i>E.coli</i> MPN/ g	SLS 516 part 12: 2013 (ISO 7251: 2005)	>0 MPN/g
22.	Compost made from municipal solid waste (SLS 1634: 2019) Compost made from materials of agricultural origin (SLS 1635: 2019) Compost for organic agriculture (SLS 1684: 2020) Sterilized solid organic fertilizer (SLS 1704: 2021)	<i>Nh</i> <i>khn</i>	SLS 516 Part 5: 2017 (ISO 6579: 2017) (Detection of salmonella app. in animal faces and in environmental samples from the primary production stage)	Present/ Absent
	Liquid organic fertilizer (SLS 1684: 2021)	<i>Salmonella</i> / 25 ml		

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment