



Valid from 12 December 2019
to 11 December 2022
Issued on 06 January 2020

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



ISO/IEC 17025
TL 003-02

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 003-02

Microbiology Laboratory
SGS Lanka (Pvt) Ltd
No 141/7, 2nd Floor, Vauxhall Street
Colombo 02.

Scope of Accreditation: Performing Biological Testing on Food and Agricultural Products, Water, Cosmetics, Swabs & Sampling as per the test methods appearing in this schedule.

The laboratory is accredited for the following tests. (Please see Pages 02 to 17 for the details)

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing
1	Food and Agricultural products			
1.1	Milk & Milk Products (Milk Powder, Liquid Milk, Fresh Cream, Malted Milk, Ice Cream, Milk Shake, Cheese, Yoghurt, Paneer, Curd, Butter, Raw milk, flavored milk)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0MPN per g o r ml
			ISO 4832:2006 SLS 516 -3:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005 SLS 516-12:2013	0MPN per g o r ml
		4. <i>Escherichia coli</i>	(MPN technique)	
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	10 CFU per g or 1 CFU per ml
			ISO 21528 – 2: 2017 (Colony count method)	0 MPN per g or ml Minimum
		7. <i>Salmonella spp.</i>	“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/099/Rev: 02	Presence or absence in 750g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev:04	Presence or absence in 25g or ml
			ISO 6579-1:2017	
		8. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml
	9. <i>Faecal Streptococci</i>	CMMEF of APHA: 5 th Ed. Chapter 10		
	10. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum 100 CFU per g or 10CFU per ml	
		ISO 21527-1:2008 SLS 516-2.1:2013		
		ISO 21527-2-2008 SLS 516-2.2:2013		
		ISO 6611:2004		
	11. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml	
	12. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml	
	13. Spores of Sulfite reducing bacteria/Thermophilic	ISO 15213:2003		

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of
1.1	Milk & Milk Products (Milk Powder, Liquid Milk, Fresh Cream, Malted Milk, Ice Cream, Milk Shake, Cheese, Yoghurt, Paneer, Curd, Butter, Raw milk, flavored milk, Infant formula)	<i>Salmonella</i> in 125g	LIMB/TM/SOP/99:2019/ Rev:02	N/A
		<i>Listeria</i> spp in 25g	LIMB/TM/SOP/102: 2019/ Rev:02	
		<i>Listeria</i> spp in 125g	(Solus Method)	
		<i>Clostridium perfringens</i>	ISO 7937: 2004	
1.2	Vegetables & Vegetable Products (salads, raw & minimally processed vegetables, leafy vegetables, pickles, soya meat, dehydrated/dried vegetables, cooked vegetables, coconut milk, cream coconut desiccated coconut, coconut oil, virgin coconut oil vegetable oil, coconut products, margarine, fat spreads)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005	0 MPN per g or ml
		4. <i>Escherichia coli</i>	SLS 516-12:2013 (MPN technique)	
		5. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
		8. <i>Salmonella</i> spp	ISO 6579-1:2017	Presence or absence in 25 g or ml
			ISO 6579-1:2017	
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev:04	

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.2	Vegetables& Vegetable Products (salads, raw & minimally processed vegetables ,leafy vegetables, pickles, soya meat, dehydrated/dried vegetables, cooked vegetables, coconut milk, cream coconut desiccated coconut, coconut oil , virgin coconut oil vegetable oil, coconut products, margarine ,fat spreads)	9. Spores of Sulfite reducing bacteria/Thermophilic sulfite reducing bacteria	ISO15213:2003	Minimum 10 CFU per g or 1 CFU per ml
		10. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml
		11. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	100 CFU per g or 10 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
ISO 21527-2:2008 SLS 516-2.2:2013				
1.3	Other Foods (salads, fillings, dressings, desserts, cake, sambol, toppings, rice, biscuits, snacks, pastries & filled products ,pasta, noodles, dough, wheat flour, grains, soup, appetizers, starters)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005 SLS 516-12:2013	0 MPN per g or ml
		4. <i>Escherichia coli</i>	(MPN technique)	
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Salmonella spp</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev:04	
		7. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml
8. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml		
9. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml		

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of
1.3	Other Foods (salads, fillings, dressings, desserts, cake, sambol, toppings, rice, biscuits, snacks, pastries & filled products, pasta, noodles, dough, wheat flour, grains, soup, appetizers, starters)	10. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum 10 CFU per g or 1 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
			ISO 21527-2:2008 SLS 516-2.2:2013	
		11. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
1.2	Meat & Meat Products (Raw Meat, Sausages, Bacon, Ham, Cold, Cuts, Meat Balls, Burgers, Cooked Meat)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005 SLS 516-12:2013	0 MPN per g or ml
		4. <i>Escherichia coli</i>	(MPN technique)	
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Faecal Streptococci</i>	CMMEF of APHA: 5th Ed. Chapter 10	Minimum 10 CFU per g or 1 CFU per ml
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
8. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml		
	“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev: 04			
9. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml		
10. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml		

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.3	Poultry & Poultry Products	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 / SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal Coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev:	
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml			
8. <i>Faecal Streptococci</i>	CMMEF of APHA: 5th Ed. Chapter 10			
9. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml		

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.4	Fish, Crustaceans, Shell Fish, Cuttlefish & Fish Products (Fish burgers and fish balls, dry fish, maldive fish, cooked and fried fish)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM:Chapter 3:2001	
		2. Total Coliform (MPN technique)	ISO 4831: 2006 SLS 516-3.1:2013	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005 SLS 516-12:2013	0 MPN per g or ml
		4. <i>Escherichia coli</i>	(MPN technique)	
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/ Rev:04	
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2:2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
		8. <i>Faecal Streptococci</i>	CMMEF of APHA: 5th Ed. Chapter 10	Minimum 10 CFU per g or 1 CFU per ml
		9. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml
			ISO 11290 -2:2017	Minimum 10 CFU per g or 1 CFU per ml
10. <i>Vibrio cholerae</i>	ISO 21872 -1:2017	Presence or absence in 25 g or ml		
11. <i>Vibrio parahaemolyticus</i>	ISO 21872 -1:2017			
12. Spores of Sulfite reducing bacteria/ Thermophilic sulfite	ISO 15213:2003	Minimum 10 CFU per g or 1 CFU per ml		
13. <i>Clostridium perfringens</i>	ISO 7937:2004			
14. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013			

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of
1.7	Fruits & Fruit Products (Fruit salads, fresh fruits, fermented & acidified fruits, dried fruits)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5. <i>Salmonella spp</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/ Rev:04	
		6. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		7. Yeast & Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum 10 CFU per g or 1 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
			ISO 21527-2-2008 SLS 516-2.2:2013	
		8. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml
		9. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	
10. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml		
	ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml		

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of
1.8	Beverages (fruit juice, cordials & nectars, alcoholic & nonalcoholic beverages, carbonated & noncarbonated beverages, herbal drinks, coffee coconut drink/coconut water, king coconut water)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3-2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3 Faecal Coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2:2017 (Colony count method)	
		8. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating)	Minimum 10 CFU per g or 1 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
ISO 21527-2-2008 SLS 516-2.2:2013				
9. Spores of Sulfite reducing bacteria/ Thermophilic sulfite reducing bacteria	ISO 15213:2003	Minimum 10 CFU per g or 1 CFU per ml		
10. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml		
11. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013			
12. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml		
	“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev. 04			

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of
1.9	Tea (Black & green ,flavored, herbal tea)	1.Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 (SLS 516-3.1:2013) (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal Coliform	ISO 7251:2005	0 MPN per g or ml
		4. <i>Escherichia coli</i>	SLS 516-12:2013 (MPN technique)	
		5. <i>Salmonella spp</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/Rev:04	
		6. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum10 CFU per g or CFU 1per ml
		7. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
8. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum100 CFU per g or 10 CFU per ml		
	ISO 21527-1:2008 SLS 516-2.1:2013			
	ISO 21527-2-2008 SLS 516-2.2:2013			
9. <i>Listeria monocytogenes</i>	ISO 11290 -1:2017	Presence or absence in 25 g or ml		
10. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml		
11. <i>Faecal Streptococci</i>	CMMEF of APHA: 5th Ed. Chapter 10	Minimum 10 CFU per g or 1 CFU per ml		

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.10	Herbs And Spices (cardamom, pepper, chilly, cinnamon, turmeric, curry leaves, sesame, cumin seeds, fennel seeds, nutmeg, mustard, ginger, cloves, curry powder, lemon grass, vanilla)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. Faecal Coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml
		6. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
		7. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/ Rev:04				
8. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating)	Minimum 10 CFU per g or 1 CFU per ml		
	ISO 21527-1:2008 SLS 516-2.1:2013			
	ISO 21527-2-2008 SLS 516-2.2:2013			
9. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml		
10. <i>Clostridium perfringens</i>	ISO 7937:2004	Minimum 10 CFU per g or 1 CFU per ml		

No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.11	Canned and bottled Products (fruits, vegetables, fish, meat, sauces, jam)	1. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum 10 CFU per g or 1 CFU per ml
		3. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml
		4. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2: 2017 (Colony count method)	Minimum 10 CFU per g or 1 CFU per ml
		5. Faecal coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		6. <i>Escherichia coli</i>		
		7. <i>Salmonella spp.</i>	ISO 6579-1:2017 “SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/ Rev:04	Presence or absence in 25 g or ml
8. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum 10 CFU per g or 1 CFU per ml		
9. Spores of Sulfite reducing bacteria/ Thermophilic sulfite reducing bacteria	ISO 15213:2003			
10. <i>Clostridium perfringens</i>	ISO 7937:2004			

SI No	Product(s) /Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
1.12	Carbohydrates (starch, lactose, liquid glucose)	1.Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum 10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2.Total coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN Technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3.2:2013	Minimum10 CFU per g or 1 CFU per ml
		3.Faceal Coliform	ISO 7251:2005 SLS 516-12:2013 (MPN Technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum10 CFU per g or 1 CFU per ml
			ISO 2127-1:2008 SLS 516-2.2:2013	
			ISO 21527-2-2008 SLS 516-2.2:2013	
		6. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum10 CFU per g or 1 CFU per ml
1.13	Cocoa products (chocolates ,sugar &,confectionery)	1.Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum10 CFU per g or 1 CFU per ml
			USFDA BAM: Chapter 3:2001	
		2. Total Coliform	ISO 4831: 2006 SLS 516-3.1:2013 (MPN technique)	0 MPN per g or ml
			ISO 4832:2006 SLS 516-3-2:2013	Minimum 10 CFU per g or 1CFU per ml
		3.Faecal Coliform	ISO 7251:2005 SLS 516-12:2013 (MPN technique)	0 MPN per g or ml
		4. <i>Escherichia coli</i>		
		5.Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum10 CFU per g or 1 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
			ISO 21527-2-2008 SLS 516-2.2:2013	

Sl No	Product(s) /Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
1.13	Cocoa products (chocolates ,sugar &,confectionery)	6. <i>Staphylococcus aureus</i>	ISO 6888 -1: 1999 SLS 516-6:2013	Minimum10 CFU per g or 1 CFU per ml
		7. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA test LMIB/TM/SOP/100/ Rev: 04	
		8. <i>Enterobacteriaceae</i>	ISO 21528 – 1:2017 (MPN technique)	0 MPN per g or ml
			ISO 21528 – 2:2017 (Colony count method)	Minimum 10 CFU per g or 1CFU per ml
9. <i>Bacillus cereus</i>	ISO 7932: 2004 SLS 516-8.1:2013	Minimum 10 CFU per g or 1 CFU per ml		
1.13	Animal feed	1. <i>Salmonella spp.</i>	ISO 6579-1:2017	Presence or absence in 25 g or ml
			“SOLUS” <i>Salmonella</i> ELISA Test LMIB/TM/SOP/100/ Rev:04	
		2. Yeast and Mould count	USFDA BAM; April 2001; Chapter 18 (Dilution Plating Technique)	Minimum10 CFU per g or 1 CFU per ml
			ISO 21527-1:2008 SLS 516-2.1:2013	
	ISO 21527-2-2008 SLS 516-2.2:2013			
3. Aerobic Plate Count	ISO 4833-1: 2013 SLS 516-1.1:2013	Minimum10 CFU per g or 1 CFU per ml		

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
2	Water:			
2.1	(Drinking water, potable water, processing water, well water, well water, rain water, raw water, desalinated water, bottles drinking water, waste water, ice, RO water) (drinking water, potable water, processing water, well water, well water, rain water, raw water, desalinated water, bottles drinking water, waste water, ice, RO water)	1.Total plate count	APHA 9215 A&B:2017 (Pour Plate method)	Minimum 1 CFU per ml
			ISO 6222: 1999 (37 ⁰ C) SLS1461-2:Section 1:2014	
			ISO 6222: 1999 (22 ⁰ C) SLS1461-2:Section 1:2014	
		2. Total Coliform	APHA 9221 A to C:2012 (MPN technique)	Minimum<1.8 MPN per 100ml
			SLS 1461-1:Section 3:2013 (MPN technique)	0 MPN per ml
			ISO 9308 – 1:2014/ Amd 1:2016 (Membrane Filtration Techniques)	Minimum 1 CFU per ml
			Laboratory method developed as per ISO 9308-2:1990 (MPN technique)	Minimum <2 MPN per 100 ml
		3.Faecal Coliform	APHA 9221E:2012	Minimum<1.8 MPN per 100ml
			Laboratory method developed as per ISO 9308-2:1990	Minimum <2 MPN per ml
		4. <i>Escherichia coli</i>	SLS1461-1:Section 3:2013 (MPN technique)	0 MPN per ml
			ISO 9308 – 1:2014/Amd 1:2016 (Membrane Filtration Techniques)	Minimum 1 CFU per ml
			Laboratory method developed as per ISO 9308-2:1990 (MPN technique)	Minimum <2 MPN per ml
		5.Sulfite reducing bacteria/Sulfite reducing spores	ISO 6461-2:1986 (Membrane Filtration Techniques)	Minimum 1 CFU per ml
		6. <i>Faecal streptococci/ Intestinal enterococci</i>	ISO 7899-2:2000 (Membrane Filtration Techniques)	Minimum 1 CFU per ml
7. <i>Pseudomonas aeruginosa</i>	ISO 16266:2006	Minimum 1 CFU per ml		
	8. <i>Salmonella spp.</i>	ISO 19250:2010	Presence or Absence in 100ml	

SI No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
2.2	Sea Water, Swimming Pool Water, Waste Water	1.Total plate count	APHA 9215 A&B:2017 (Pour Plate method)	Minimum 1 CFU per ml
			ISO 6222: 1999 (37°C) SLS1461-2: Section 1:2014	
			ISO 6222: 1999 (22°C) SLS1461-2: Section 1:2014	
		2. Total Coliform	APHA 9221 A to C:2012 (MPN technique)	Minimum <1.8 MPN per 100ml
			SLS1461-1: Section 3:2013 (MPN technique)	0 MPN per ml
			ISO 9308 – 1:2014/Amd 1:2016 (Membrane Filtration Techniques)	Minimum 1 CFU per ml
			Laboratory method developed as per ISO 9308-2:1990 (MPN technique)	Minimum <2 MPN per ml
3.Faecal Coliform	APHA 9221E:2012	Minimum <1.8 MPN per 100ml		
	Laboratory method developed as per ISO 9308-2:1990	Minimum <2 MPN per 100ml		
2.3	Bathing waters (Swimming Pool), Industrial Water, Natural Water, Water Used For Washing, Treated Water, Domestic Water Systems (Hot & Cold), Waste Water, Cooling Towers	1. <i>Legionella spp.</i>	ISO 11731-2:2004	Presence or absence in x ml

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing / Limits of detection
03	Cosmetics			
3.1	(Skin cream & lotions, baby cream, skin powder, baby powder, face powder, baby oil, hair oil, liquid toilet soap, hair shampoo, shaving cream baby shampoo, face wash)	1. Aerobic Mesophilic Bacteria	ISO 21149:2017 SLS1349:2018	Minimum 10 CFU per g or ml
		2. <i>Staphylococcus aureus</i>	ISO 22718:2015 SLS1351:2016	
		3. <i>Pseudomonas aeruginosa</i>	ISO 22717:2015 SLS1350:2016	Presence or Absence in 1g or 1 ml
		4. <i>Escherichia coli</i>	ISO 21150:2015 SLS1489:2016	
		5. Yeast and Mould count	ISO 16212:2017 SLS1445:2018	Minimum 10 CFU per g or 1 CFU per ml
04	Swabs			
4.1	Swab testing	Test mentioned in food scope	ISO 18593:2018	N/A
05	Sampling			
5.1	Food Sampling	Test Mentioned in the scope	ISO/TS 17728:2015 LMIB/TM/SOP/001/ Rev 04:2014	N/A
5.2	Water Sampling	Test Mentioned in the scope	ISO 19458:2006 LMIB/TM/SOP/001/ Rev 04:2014	
5.3	Swabs Sampling	Test Mentioned in the scope	ISO 18593:2018 LMIB/TM/SOP/001 Rev 04:2014	

Director/CEO

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