



Valid from 06 February 2023  
to 29 June 2023  
Issued on 06 February 2023

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



ISO/ IEC 17025  
TL 016-03

## Schedule of Accreditation

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

Accreditation Number: TL 016-03

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

**Scope of Accreditation:** Performing Chemical Testing on Product Category of Food & Agricultural Products (Milk & Milk Products, Edible Oils & Fat, Sugar & Sugar Products and Tea,) as per the Test Methods appearing in this schedule.

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



SI NO	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
<b>Food and Agricultural Products</b>				
01	Milk and Milk Products (Milk Powder)	Titratable Acidity	SLS 735: Part 2 :1987	0.10 to 3.00 % m/m
		Milk Fat	SLS 735: Part 1. Section 2: 2009 (ISO 1736:2008(E))	0.1 to 49.0 % m/m
		Moisture	SLS 735: Part 3: 1987, Clause 4	0.1 to 10.0% m/m
02	<b>Edible Oils and Fats</b> (Palm olein, Palm kernel oil, Palm kernel olein, Palm oil, Palm stearin, Palm super olein, Sunflower oil, Soya bean oil, Coconut oil, Ground nut(peanut) oil, Corn (maize) oil, Olive oil, Rice brand oil and Sesameseed Oil)	Refractive Index	SLS 313 Part 1. Section 5: 2017 (ISO 6320:2017(E))	1.3000 to 1.7000
		Free Fatty Acids	SLS 313 Part 2. Section 6: 2009 (ISO 660:2009(E))	0.01 to 7.00 % m/m
		Iodine Value	SLS 313 Part 2. Section 2 :2019 (ISO 3961:2018(E))	5.0 to 200.0
		Peroxide Value	SLS 313 Part 3. Section 7:2017 (ISO 3960: 2017(E))	0.1 to 1.0 meq of active oxygen per kg 1.1 to 90.0 meq of active oxygen per kg
		Moisture & Volatile Matter	SLS 313 Part 3. Section 5:2017 (ISO 662:1998(E))	0.01 to 1.00 % m/m
		Insoluble Impurities	SLS 313 Part 3 Section 4 :2017 (ISO 663:2017(E))	
		Unsaponifiable Matter	SLS 313 Part 4. Section 3: 2010 (ISO 3596:2000 (E))	0.1 to 3.5% m/m
		Saponification Value	SLS 313 Part 2. Section 1: 2014 (ISO 3657:2013(E))	150 to 275
03	<b>Tea</b> (Black Tea & Green tea)	Water Extract	SLS 28 Part 7:2008 (ISO 9768:1994 (E))	1 to 70 % m/m
		Total Ash	SLS 28 Part 3:2008 (ISO 1575:1987 (E))	1.0 to 10.0 % m/m
		Water- Soluble Ash of Total Ash	SLS 28 Part 4:2008 (ISO 1576:1988 (E))	0.1 to 70.0 % m/m
		Alkalinity of Water-Soluble Ash	SLS 28 Part 6:2008 (ISO 1578:1975 (E))	0.1 to 5.0 % m/m
		Acid – Insoluble Ash	SLS 28 Part 5:2008 (ISO 1577:1987 (E))	0.1 to 5.0 % m/m
		Crude Fibre	SLS 28 Part 8:2008 (ISO 15598:1999 (E))	0.1 to 30.0 % m/m
		Loss in Mass	SLS 28 Part 2:2008 (ISO 1573:1980 (E))	0.1 to 15.0 % m/m
		Dry Matter	SLS 28 Part 1:2008 (ISO 1572:1980 (E))	85.0 to 99.9 % m/m

*C. A. G. M.*  
 Director/CEO  
 Sri Lanka Accreditation Board for Conformity Assessment





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SI	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
1.0	Edible Oils and Fats ( Palm olein, Palm kernel oil, Palm kernel olein, Palm oil, Palm stearin, <b>Palm superolein</b> , Sunflower oil, Soya bean oil, Coconut oil, Ground nut (peanut) oil, Corn (maize) oil, Olive oil, <b>Rice bran oil</b> , and Sesameseed oil)	Aflatoxin	FD/TM/6.2/004 (Modified SLS 962 : 2013-Part 1)	Aflatoxin G2 – 0.1 µg/kg -200 µg/kg  Aflatoxin G1 – 0.4 µg/kg -200 µg/kg  Aflatoxin B2 – 0.1 µg/kg-200 µg/kg  Aflatoxin B1 – 0.4 µg/kg-200 µg/kg
1.1	Spices (Chillie Whole & Ground, Curry Power)			
1.2	Flour & Flour products (Rice flour, Wheat flour, Black Gram flour, Pasta, Rice noodles)			
1.3	Cereals & Pulses (Red Lentil, Milled Rice)			
1.4	Other (Textured Soya Protein, Textured Plant Protein, Thosai & Idly mix, Hopper mix, Process Cereal based food)			
2.0	Fruit, Vegetable and Agriculture based Products (Sauce,Jam, Chutney,Fruit juices , Fruit cordials)	Benzoic Acid	FD/TM/6.2/002 (Modified SLS 1332 : 2008-Part 3)	10-1000 mg/kg
2.1	Frozen confections			
2.2	Carbonated beverages			
3.0	Fruit, Vegetable and Agriculture based Products (Sauce,Jams,Chutney,Fruit juices , Fruit cordials)	Sorbic acid	FD/TM/6.2/002 (Modified SLS 1332 : 2008-Part 3)	10-1000 mg/kg
3.1	Frozen confections			
3.2	Carbonated beverages			

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