



Valid from 30 June 2020  
to 29 June 2023  
Issued on 30 June 2020

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



ISO/IEC 17025  
TL 030-01

# Schedule of Accreditation

Accreditation Scheme for Testing Laboratories  
Sri Lanka Accreditation Board for Conformity Assessment  
Accreditation Number: TL 030-01

**Chemical & Microbiology Laboratory**  
**Quality Control and Quality Assurance Division**  
**Coconut Development Authority**  
No. 54, Nawala Road  
Colombo 05

**Scope of Accreditation:** Performing Chemical and Biological testing on Food and Agricultural Products and Potable water as per SLS and ISO methods.

The laboratory is accredited for the following tests.

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>Biological Testing</b>				
1.1	Food and Agricultural Products (Coconut Oil)	Enumeration of Yeast and Moulds	SLS 516 Part 02 section 02:2013 ISO 21527:2008	10 -10 <sup>5</sup>
1.2		Enumeration of microorganisms colony count technique at 30 <sup>0</sup> c (Aerobic plate count)	SLS 516 Part 01 section 01:2013 ISO 4833:2013	10 -10 <sup>5</sup>
2.1	Food and Agricultural Products (Desiccated coconut, Coconut milk, Coconut milk powder, Coconut water, Coir fibre pith substrate, Copra, Partially defatted desiccated coconut, Fresh coconut kernel)	Detection of <i>Salmonella sp.</i>	SLS 516 Part 05:2013 ISO 6579:2002	Present/Absent
2.2		Detection and enumeration of Coliforms	SLS 516 Part 03 section 01:2013 ISO 4831:2006	MPN 3 -1100
2.3		Detection and enumeration of <i>Escherichia Coli</i>	SLS 516 Part 12:2013 ISO 7251:2005	MPN 3 -1100
2.4		Enumeration of microorganisms colony count technique at 30 <sup>0</sup> c (Aerobic plate count)	SLS 516 Part 01 section 01:2013 ISO 4833:2013	10 -10 <sup>5</sup>
2.5		Enumeration of Yeast and Moulds	SLS 516 Part 02 section 02:2013 ISO 21527:2008	10 -10 <sup>5</sup>
3.1	Potable Water	Detection and enumeration of <i>E. coli</i> & Coliform Bacteria	SLS 1461: Part 1: Section 3: 2013	MPN 0 - 1800

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
4.1	Food and Agricultural Products (Aqueous coconut products - Milk Cream & Paste)	Enumeration of Yeast and Moulds	SLS 516 Part 02 section 02:2013 ISO 21527:2008	10 -10 <sup>5</sup>
4.2		Detection of <i>Salmonella sp.</i>	SLS 516 Part 05:2013 ISO 6579:2002	Present/Absent
4.3		Detection and enumeration of Coliforms	SLS 516 Part 03 section 01:2013 ISO 4831:2006	MPN 3 -1100
4.4		Detection and enumeration of <i>Escherichia Coli</i>	SLS 516 Part 12:2013 ISO 7251:2005	MPN 3 -1100
<b>Chemical Testing</b>				
1.1	Food and Agricultural Products (Vegetable Oil)	Determination of saponification value	SLS 313: Part 2, Section 1: 2014 ISO 3657: 2013	150 – 300
1.2		Determination of Iodine value	SLS 313: Part 2, Section 2: 2014 ISO 3961: 2013	5 - 200
2.1		Determination of Free Fatty Acid (Acidity)	SLS 313: Part 2, Section 1: 2009 ISO 660: 2009	0.1 – 20.0
2.2	Potable Water /Drinking water/ Processing water	Chloride as Cl	APHA 4500 – Cl – B	1 – 400 (mg/L)
2.3		Total hardness as CaCO <sub>3</sub>	APHA 2340 C	>1 mg/L
2.4		Calcium (as Ca)	APHA 3500 Ca. A	0.8-200 mg/L
3.1		Magnesium	APHA 3500 Mg B	0.5-50 mg/L

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment