



Valid from 30 June 2023  
to 29 June 2026  
Issued on 15 November 2023

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

**Scope of Accreditation:** Performing Biological & Chemical Testing on Food & Agricultural Products & Water

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>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: 2019 ISO 3961:2018	5.0-200.0
1.3		Determination of Free Fatty Acid (Acidity)	SLS 313: Part 2/section 6: 2022 ISO 660:2020	0.1-20.0
2.1	Potable Water /Drinking water/ Processing water	Chloride as Cl	APHA 4500 Cl. B	1 – 400 (mg/L)
2.2		Total hardness as CaCO <sub>3</sub>	APHA 2340 C	>1 mg/L
2.3		Calcium (as Ca)	APHA 3500 Ca. A	0.8-200 mg/L
2.4		Magnesium	APHA 3500 Mg. B	0.5-50 mg/L

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	Coir fibre pith substrate	Detection and enumeration of <i>Escherichia Coli</i>	SLS 516 Part 12:2013 ISO 7251:2005	MPN 3 -1100
1.2		Detection of <i>Salmonella sp.</i>	SLS 516 Part 05:2017 ISO 6579:2002	Present/Absent
2.1	Food and Agricultural Products (Desiccated Coconut, Coconut Milk, Coconut Milk powder, Coconut water, Copra, partially defatted desiccated coconut, Fresh coconut kernel)	Detection of <i>Salmonella sp.</i>	SLS 516 Part 05:2017 ISO 6579-1:2017/Amd 1:2020	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 °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	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>
3.2		Enumeration of microorganism's colony count technique at 30 °C (Aerobic plate count)	SLS 516 Part 01 section 01:2013 ISO 4833:2013	10 -10 <sup>5</sup>
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
5.1	Potable water	Detection and enumeration of <i>Escherichia Coli</i> & Coliform bacteria	SLS 1461: Part I: Section 3:2013	MPN 0-1800

Director / CEO  
Sri Lanka Accreditation Board for Conformity Assessment