



Valid from 10 April 2019  
to 09 April 2022  
Issued on 10 April 2019

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



ISO/IEC 17025  
TL 031-01

## Schedule of Accreditation

Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 031-01

**Intertek Lanka (Pvt) Ltd**  
**“Intertek House”**  
**No. 282, Kaduwela Road**  
**Battaramulla.**

**Scope of Accreditation:** Performing Chemical testing on Food & Agricultural Products, Water & Waste Water, Pesticide residues and Fertilizer.

The laboratory is accredited for the tests indicated in following pages.

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
1.1	<b>Food &amp; Agricultural Products (Black Tea)</b>	Loss in mass at 103 °C Percent by mass	ISO 1573 (1980) & ISO 1572(1980) SLS 28/2:2008 & SLS 28/1:2008	1.0 – 10.0
1.2		Total ash, percent by mass	ISO 1575 (1987) SLS 28/3:2008	1.0 – 10.0
1.3		Water soluble ash of total ash, percent by mass	ISO 1576 (1988) SLS 28/4:2008	45 (minimum)
1.4		Alkalinity of water soluble ash (as KOH), percent by mass	ISO 1578 (1975) SLS 28/6:2008	1.0 – 3.0
1.5		Acid insoluble ash, percent by mass	ISO 1577 (1987) SLS 28/5:2008	2.0 (Maximum)
1.6		Water extract, percent by mass	ISO 9768 (1994) SLS 28/7:2008	20.0 (Minimum)
1.7		Crude fibre, percent by mass	ISO 15598 (1999) SLS 28/8:2008	25.0 (Maximum)
1.8	<b>Fish</b>	Histamine	In house method – CHE/SOP/001: Rev 01 (Modified HPLC Method)	1-200mg/kg

Fertilizer				
2.1	Ammonium Sulphate, Urea, Monoammonium Phosphate, Rockphosphate, Triple Superphosphate, Single Superphosphate, MOP, Dolomite, Magnesium Sulphate Monohydrate (Fertilizer grades), Mixed Fertilizer	Moisture, percent by mass	SLS 645: Part 2: Method 1: 1984	0.5 - 5.0
2.2	Mixed Fertilizer, Urea	Total Nitrogen, as N, percent by mass	SLS 645: Part 1:2009	0.3 - 50
2.3	Ammonium Sulphate, Ammonium Chloride, Monoammonium Phosphate, Diammonium Phosphate, Mixed Fertilizer	Ammonical Nitrogen, as N, percent by mass	SLS 645: Part 1: Section B: 2009	20.3 – 20.8
2.4	Mixed Fertilizer, Monoammonium Phosphate, Diammonium Phosphate, Rockphosphate, Triple Superphosphate, Single Superphosphate	Total phosphate as P <sub>2</sub> O <sub>5</sub> , percent by mass	SLS 645: Part 5: 1985	2.0 – 45
2.5	Monoammonium Phosphate, Diammonium Phosphate, Rockphosphate, Triple Superphosphate, Single Superphosphate	Water soluble phosphate, as P <sub>2</sub> O <sub>5</sub> percent by mass	SLS 645: Part 5: 1985	2.0 – 45
2.6	Mixed Fertilizer, Dolomite, Magnesium Sulphate Monohydrate, Epsom Salt	Calcium, as CaO, percent by mass	SLS 645: Part 6 :1990 Section 1	0.08 – 30
2.7	Mixed Fertilizer, Dolomite, Magnesium Sulphate Monohydrate, Epsom Salt	Magnesium, as MgO, percent by mass	SLS 645: Part 6 :1990 Section 1	0.05 - 30
2.8	Fertilizer	Arsenic, As	AOAC 2006.03: 2007	0.01 – 10.0 ppm
2.9		Cadmium, Cd		
2.10		Chromium, Cr		
2.11		Lead, Pb		

Water				
3.1	Drinking Water, Processing Water, Potable Water, Raw Water	pH	APHA 23 <sup>rd</sup> 4500-H + B	1.0 – 14.0
3.2		Aluminium (as Al)	APHA 23 <sup>rd</sup> 3113 B	0.005 – 0.1 ppm
3.3		Chloride, as Cl	APHA 23 <sup>rd</sup> 4500-Cl - B	1- 500 mg/L
3.4		Calcium (as Ca)	APHA 23 <sup>rd</sup> 3500 Ca B	0.8 – 200 mg/L
3.5		Hardness, as CaCO <sub>3</sub>	APHA 23 <sup>rd</sup> 2340 C	4 - 1000 mg/L
3.6		Chemical Oxygen Demand (COD)	APHA 23 <sup>rd</sup> 5220 B	5 – 50 mg/L
3.7		Copper	APHA 23 <sup>rd</sup> 3125(ICP MS)	0.005 – 0.1 ppm
3.8		Fluoride, as F	APHA 23 <sup>rd</sup> 4500-F - C	0.10 -5.00 mg/L
3.9		Magnesium	APHA 23 <sup>rd</sup> 3500-Mg B	0.5 – 50 mg/L
3.10		Manganese	APHA 23 <sup>rd</sup> 3125(ICP MS)	0.005 – 0.1 ppm
3.11		Nickel	APHA 23 <sup>rd</sup> 3125(ICP MS)	0.005 – 0.1 ppm
3.12		Sulphate	APHA 23 <sup>rd</sup> 4500 SO <sub>4</sub> <sup>2-</sup> E	10 – 600 mg/L
3.13		Total phosphate	APHA 23 <sup>rd</sup> 4500-PC	0.5-10 mg/L
3.14		Zinc	APHA 23 <sup>rd</sup> 3125 (ICP MS)	0.005 – 0.1 ppm
3.15		Arsenic		
3.16		Cadmium		
3.17		Chromium		
3.18		Lead		
3.19		Selenium		
3.20		Alkalinity, as CaCO <sub>3</sub>	APHA 23 <sup>rd</sup> 2320 B	1–1000 mg/L
3.21		Total solids/ Dry Residues	APHA 23 <sup>rd</sup> 2540 B	2 – 2000 mg/L
3.22		Total Suspended Solids	APHA 23 <sup>rd</sup> 2540 D	2 – 500 mg/L
3.23		Total Dissolved Solids	APHA 23 <sup>rd</sup> 2540 C	2 – 2000 mg/L
3.24		Iron, as Fe	APHA 23 <sup>rd</sup> 3500-Fe B	0.1 – 50.0 mg/L

Residues in Food				
4.1	Tea	ALDRIN(TM)	AOAC 2014.09	OCs – 0.005 – 10 mg/L Ops – 0.05 – 40 mg/L
4.2		BHC(ALPHA ISOMER)		
4.3		BHC(BETA ISOMER)		
4.4		BHC(DELTA ISOMER)		
4.5		BIFENTHRIN		
4.6		Chlorpyrifos		
4.7		Cypermethrin		
4.8		Diazinon		
4.9		Dicofol		
4.10		Dieldrin		
4.11		4,4'-DDD		
4.12		4,4'-DDE		
4.13		O,P'-DDD		
4.14		O,P'-DDT		
4.15		a- Endosulfan		
4.16		Endosulfan Sulfate		
4.17		Endrin Aldehyde		
4.18		Endrin		
4.19		Fenitrothion		
4.20		Fenpropathrin		
4.21		Fenthion		
4.22		Heptachlor		
4.23		trans- Heptachlor Epoxide		
4.24		Hexachlorobenzene		
4.25		Lindane(BHC gamma isomer)		
4.26		Methyl Parathion		
4.27		Permethrin		
4.28		Phenthoate		
4.29		Pirimiphos-Methyl		
4.30		Profenofos		

Residues in Water				
5.1		ALDRIN(TM)		
5.2		BHC(ALPHA ISOMER)		
5.3		BHC(BETA ISOMER)		
5.4		BHC(DELTA ISOMER)		
5.5		BIFENTHRIN		
5.6		Chlorpyrifos		
5.7		Cypermethrin		
5.8		Diazinon		
5.9		Dicofol		
5.10		Dieldrin		
5.11		4,4'-DDD		
5.12		4,4'-DDE		
5.13		O,P'-DDD		
5.14		O,P'-DDT		
5.15	Water	a- Endosulfan	AOAC 990.06	OCs – 0.005 – 10 mg/L Ops – 0.05 – 40 mg/L
5.16		Endosulfan Sulfate		
5.17		Endrin Aldehyde		
5.18		Endrin		
5.19		Fenitrothion		
5.20		Fenpropathrin		
5.21		Fenthion		
5.22		Heptachlor		
5.23		trans- Heptachlor Epoxide		
5.24		Hexachlorobenzene		
5.25		Lindane (BHC gamma isomer)		
5.26		Methyl Parathion		
5.27		Permethrin		
5.28		Phenthoate		
5.29		Pirimiphos-Methyl		
5.30		Profenofos		

6.1	Waste water	pH	APHA 23 <sup>rd</sup> 4500-H + B	
6.2		COD	APHA 23 <sup>rd</sup> 5220-D	
6.3		BOD	APHA 23 <sup>rd</sup> 5210-B	
6.4		TSS	APHA 23 <sup>rd</sup> 2540-D	
6.5		Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	SOP - Determination of ZDHC	AP-0.005 APEO-0.001
6.6		Azo dyes (Forming restricted amines)	Parameters in Wastewater C036.TP	0.0001
6.7		Phthalates (Ortho-phthalates)	US EPA 8270D: 2014	0.001
6.8		Heavy metals	US EPA 200.8: 1994	Lead/Pb- 0.001 Cadmium/ Cd -0.0001 Mercury/ Hg -0.00005 Antimony/ Sb -0.001 Arsenic/ As-0.001 Chromium/ Cr (total)- 0.001 Cobalt/Co- 0.001 Copper/ Cu-0.001 Nickel/Ni -0.001 Zinc/Zn -0.001 Chromium (VI)/Cr VI -0.001 Silver/Ag -0.001

Director/CEO  
Sri Lanka Accreditation Board for Conformity Assessment