Valid from 10 April 2025
to 9 April 2029
Issued on 10 April 2025

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

ISO/ IEC 17025
TL 031-01

Schedule of Accreditation

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

Accreditation Number: TL 031-01

Intertek Lanka (Pvt) Ltd
No. 282, Kaduwela Road, Battaramulla

Scope of Accreditation: Performing chemical testing on Food & Agricultural Products, Fertilizer, Water & Wastewater as per the test methods appearing in this schedule.

The laboratory is accredited for the tests indicated in page 02-04.

Sl	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
Food				
1.1	Black Tea Green Tea	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/Cor 1:1998 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	Fish	Histamine	In house method – CHE/SOP/001: Rev 02 (Modified HPLC Method)	(1-200) mg/kg
1.9	Cereal, Chillie, Oil	Aflatoxin G1, G2, B1, B2, Total	CHE/SOP/002: Rev 00	(2-20) µg/kg
Fertilizer				
2.1	Ammonium Sulphate, Urea, Monoammonium Phosphate, Rock phosphate, Triple super phosphate, Single super phosphate, 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	(2-50) %
2.3	Ammonium Sulphate, Ammonium Chloride, Monoammonium phosphate, Diammonium phosphate, Mixed Fertilizer	Ammoniacal Nitrogen, as N, percent by mass	SLS 645 Part 1: Section B: 2009	(1-30) %

Sl	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
2.4	Mixed Fertilizer, Monoammonium Phosphate, Diammonium phosphate, Rock phosphate, Triple superphosphate, Single superphosphate	Total phosphate as P_2O_5, percent by mass	SLS 645: Part 5: 1985	2.0 % (minimum) (2-50) % Working Range
2.5	Monoammonium Phosphate, Diammonium Phosphate, Rock phosphate, Triple Superphosphate, Single Superphosphate	Water soluble phosphate, as P_2O_5 percent by mass	SLS 645: Part 5: 1985	2.0 % (minimum) (2-50) % Working Range
2.6	Mixed Fertilizer, Dolomite, Magnesium Sulphate Monohydrate, Epsom Salt	Calcium, as CaO, percent by mass	SLS 645: Part 6 :1990	1.0 % (minimum) (2-50) % Working Range
2.7	Mixed Fertilizer, Dolomite, Magnesium Sulphate Monohydrate, Epsom Salt	Magnesium, as MgO, percent by mass	SLS 645: Part 6 :1990	(1-30) %
2.8	Fertilizer	Arsenic, As	In-House Method (AOAC 2006.03:2009 Modified Method using ICPMS)	(0.01-10.0) mg/L
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 24th 4500-H^+ B	(1.0-14.0) pH
3.2		Aluminum (as Al)	APHA 24th 3113 B	(0.005-0.1) ppm
3.3		Chloride (as Cl^-)	APHA 24th 4500-Cl^- B	(5-500) mg/L
3.4		Calcium (as Ca)	APHA 24th 3500-Ca B	(5-200) mg/L
3.5		Hardness (as $CaCO_3$)	APHA 24th 2340 C	(5-500) mg/L
3.6		Chemical Oxygen Demand (COD)	APHA 24th 5220 B	(5-50) mg/L
3.7		Copper	APHA 24th 3125 (ICPMS)	(0.005-0.1) mg/L
3.8		Fluoride (as F^-)	APHA 24th 4500-F^- C	(0.10-5.00) mg/L
3.9		Magnesium	APHA 24th 3500-Mg B	(5-200) mg/L
3.10		Manganese	APHA 24th 3125 (ICPMS)	(0.005-0.1) mg/L
3.11		Nickel	APHA 24th 3125 (ICPMS)	(0.005-0.1) mg/L
3.12		Sulphate	APHA 24th 4500-SO_4^{2-} E	(10 – 600) mg/L
3.13		Total phosphate	APHA 24th 4500-P C	(1-5) mg/L

Sl	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
3.14	Drinking Water, Processing Water, Potable Water, Raw Water	Zinc	APHA 24th 3125 (ICP-MS)	(0.005-0.1) mg/L
3.15		Arsenic		
3.16		Cadmium		
3.17		Chromium		
3.18		Lead		
3.19		Selenium		
3.20		Alkalinity (as $CaCO_3$)	APHA 24th 2320 B	(5–500) mg/L
3.21		Total solids/Dried Residue	APHA 24th 2540 B	(10-2000) mg/L
3.22		Total Suspended Solids	APHA 24th 2540 D	(5-500) mg/L
3.23		Total Dissolved Solids	APHA 24th 2540 C	(10-2000) mg/L
3.24		Iron (as Fe)	APHA 24th 3500-Fe B	(0.1-10.0) mg/L
4.1	Wastewater	pH	APHA 24th 4500-H^+ B	(1.0-14.0) pH
4.2		COD	APHA 24th 5220 B	(5-1500) mg/L
4.3		BOD	APHA 24th 5210 B	(5-500) mg/L
4.4		TSS	APHA 24th 2540 D	(5-500) mg/L
4.5		Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	C036.TP (Issue 05) (In-house SOP for Determination of ZDHC Parameters (DETOX) in Wastewater)	(1-1000) ppb
4.6		Azo dyes (Forming restricted amines)		(0.1-1000) ppb
4.7		Phthalates (Ortho-phthalates)		(1-1000) ppb
4.8	Wastewater (Heavy Metals)	Lead/ Pb	US EPA 200.8:1994	(0.001-0.1) ppm
		Cadmium/ Cd		(0.001-0.1) ppm
		Mercury/ Hg		(0.00005-0.1) ppm
		Antimony/ Sb		(0.001-0.1) ppm
		Arsenic/ As		(0.001-0.1) ppm
		Chromium/ Cr(total)		(0.001-0.1) ppm
		Cobalt/ Co		(0.001-0.1) ppm
		Copper/ Cu		(0.001-0.1) ppm
		Nickel/ Ni		(0.001-0.1) ppm
		Zinc/ Zn		(0.001-0.1) ppm
		Silver/ Ag		(0.001-0.1) ppm
4.9	Wastewater	Cr (VI)	US EPA 7196A:1992	(0.5-50) mg/kg

Acting Director CEO
Sri Lanka Accreditation Board for Conformity Assessment