

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



Valid from 08 August 2018
to 10 July 2019
Issued on 08 August 2018



ISO/IEC 17025
TL 003-01

Schedule of Accreditation

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

Accreditation Number: TL 003-01

Chemical Laboratory
SGS Lanka (Pvt) Limited
No 141/7, Vauxhall Street
Colombo 02

Scope of Accreditation: Performing Chemical Testing of Food & Agricultural products, Pesticide Residues, Pesticide Formulation, Water, Waste Water, Antibiotic Residues, Laundry Soap

The laboratory is accredited for the tests appear from page 02 to 03;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
1	Fruits and Vegetables (Pesticide residues)	Fenubucarb	LCHE/TM/SOP/064 Rev 04/21.08/2017	0.01-10 mg/kg
		Phenothoate		
		Fipronil		
		Clothianidin		
		Flubendiamide		
		Hexythiazox		
		Chlorfenamiphos	LCHE/TM/SOP/001 Rev 09 AOAC 2017 01:2012	
		Metribuzin		
2	Tea (Pesticide residues)	Fenubucarb	LCHE/TM/SOP/064 Rev 04/21.08/2017	0.01-10 mg/kg
		Phenothoate		
		Fipronil		
		Clothianidin		
		Flubendiamide		
		Hexythiazox		
		Chlorfenamiphos	LCHE/TM/SOP/001 Rev 09 AOAC 2017 01:2012	
		Metribuzin		
3	Cereals/ Corn flakes/ Full Cream milk Powder/ Skimmed milk power	Iron	LCHE/SOP/008	LOQ=5 mg/L
		Potassium		LOQ=7 mg/L
		Sodium		LOQ=5 mg/L
		Phosphorous		LOQ=9 mg/L
4	Tea & Spices	Aflatoxin B1	LCHE/SOP/062	LOD= 0.4 µg/kg
		Aflatoxin G1		
		Aflatoxin B2		LOD= 0.1 µg/kg
		Aflatoxin G2		

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
5	Pesticide Formulation	Arsenic	LCHE/SOP/078	0.001 mg/kg-10 mg/kg
		Cadmium		
		Lead		
		Tin		
		Mercury		
		Copper		
		Manganese		
Selenium				
6	Grade III Water/Processing Water/Water	Permanganate Oxidizability	ISO 8467:1993	0.4 -10 mg/L
7	Water (Drinking water, Processing water, Potable water, Raw water, RO water, Desalinated water/waste water)	Total Phosphorous as P	APHA 4500-P D:2012(22 nd Edition)	0.07-100 mg/L
		Dissolved Phosphate as P		
		Pb	APHA 3120 B:2012(22 nd Edition)	0.01-10 mg/L
		Cu		
		V		
		Cd		
Mg	0.003-10 mg/L			
		0.1 mg/l-5 mg/l		
8	.Tea	Mercury as, Hg	LCHE/TM/SOP/009 Based on AOAC 999.10;2012	LOQ=0.1 mg/kg
		Arsenic as, As		LOQ=2 mg/L
9	Fish/Shrimp/Milk (Antibiotic Residues)	Sulfonamide	ELISA RIDASCREEN Art No R 3004	1-1.5 mg/kg -1 mg/kg
		Penicillin	ELISA RIDASCREEN Art No R 2921	1-2.6 mg/kg
		Streptomycin	ELISA RIDASCREEN Art No R 3103	1-20 mg/kg
		Chinolone/Quinolones	ELISA RIDASCREEN Art No R 3113	1-6 mg/kg
		Nitrofurans	ELISA RIDASCREEN Art No R 3703	1-50 mg/kg
		Chloramphenicol	ELISA RIDASCREEN Art No R 1505	1-6.25 mg/kg
Tetracycline	ELISA RIDASCREEN Art No R 3505	1-1.2 mg/kg		
10	Laundry Soap	pH at 27 ± 2 °C	SLS 1342:2008 Appendix C	1-1.2 mg/kg

Director/CEO

Sri Lanka Accreditation Board for Conformity Assessment