



Valid from 12 February 2020
to 11 February 2023
Issued on 12 February 2020

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



ISO/ IEC 17025
TL 069-01

Schedule of Accreditation

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

Accreditation Number: TL 069-01

Government Analyst Department

No.31, Isuru Mawatha
Pelawatta, Baththaramulla

Scope of Accreditation: Performing chemical tests on Food & Water, Liquor, Narcotics & Psychotropic substances and Forensic Toxicology and Forensic tests on Forensic Serology & DNA, Ballistics and Firearms, Explosives & Fire Investigations, Examination of Questioned Documents and Forensic Miscellaneous as per the test methods appearing in this schedule

The laboratory is accredited for the following tests.

Chemical Testing – Food Science Division

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. Food Laboratory				
1.1	Black Tea	Loss in mass	SLS 28 Part 2: 2008	3 - 15%
1.2		Total ash	SLS 28 Part 3: 2008	4 - 8%
1.3		Water soluble ash as a percentage of total ash	SLS 28 Part 4: 2008	30 - 55%
1.4		Acid insoluble ash	SLS 28 Part 5: 2008	0.1 - 3.0%
1.5		Alkalinity of water-soluble ash	SLS 28 Part 6: 2008	1 - 5%
1.6		Water extract	SLS 28 Part 7: 2008	20 - 70%
1.7		Crude fiber	SLS 28 Part 8: 2008	4 - 30%

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
2. Water Laboratory				
2.1	Waste water and effluents	Biological Oxygen Demand (BOD)	APHA 5210B 23 rd Edition: 2012	1 - 198 mg/l
2.2		Chemical Oxygen Demand (COD)	ASTM - D1252-06: 2012	1 - 1000 mg/l
2.3	Drinking water, Bottled and Potable water	Arsenic (As)	APHA (3125B) 23 rd Edition: 2018	0.0012 mg/l
2.4		Cadmium (Cd)		0.0010 mg/l
2.5		Chromium (Cr)		0.0011 mg/l
2.6		Copper (Cu)		0.0014 mg/l
2.7		Manganese (Mn)		0.0012 mg/l
2.8		Nickel (Ni)		0.0017 mg/l
2.9		Lead (Pb)		0.0013 mg/l
2.10		Selenium (Se)		0.0016 mg/l
3. Liquor Laboratory				
3.1	Beer	Ethyl Alcohol content	SLS 234: 2016, Appendix B	1.0-60.0 (%V/V)
3.2			GAD/Liq/TMM/7.2-01	LOD: 1.0 %
3.3		pH	SLS 234: 2016, Appendix C	1.0 -7.0
3.4			GAD/Liq/TMM/7.2-01	1.0 -7.0
3.5	Distilled Liquor	Apparent alcoholic strength	SLS 919:1991, Appendix A, Method 2	1.0 – 60.0 (%V/V)
3.6		Actual alcoholic strength	SLS 919:1991, Appendix A, Method 1	1.0 – 60.0 (%V/V)
3.7		GAD/Liq/TMM/7.2-01	LOD: 1.0 %	
3.8	Wine	Ethyl Alcohol strength	GAD/Liq/TMM/7.2-01	LOD: 1.0 %
3.8		pH		1.0 – 7.0

Forensic Testing – Forensic Testing Division

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. Forensic Firearms & Ballistics Laboratory				
1.1	Fired cartridge cases	Physical examination, classification and comparison of fired cartridge cases	GAD-Bal/TMM/7.2/01	-
1.2	Fired bullets	Physical examination, classification and comparison of fired bullets	GAD-Bal/TMM/7.2/02	-
1.3	Firearms	Identification of firearms, ammunitions and examination of serial numbers of firearms	GAD-Bal/TMM/7.2/03	-
2. Explosive & Fire Investigation Laboratory				
2.1	Explosive materials	Identification of TNT and RDX	GAD-Exp/TMM/7.2/01	-
2.2	Fire debris	Analysis of fire debris evidence	GAD-Exp/TMM/7.2/02	LOD = 0.02%
3. Narcotic & Psychotropic Substances Laboratory				
3.1	Seized material	Quantitative analysis of Heroin	GAD-Narc/TMM/7.2/01	Range 10 – 1000 ppm LOD – 4.55 ppm
3.2	Seized material	Qualitative & quantitative analysis of Cocaine	GAD-Narc/TMM/7.2/02	Range 10 – 1000 ppm LOD – 8.02ppm

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. Forensic Serology & DNA Laboratory				
4.1	Blood	DNA matching	GAD/Sero & DNA/TMM/7.2-01	-
4.2	Buccal cells	DNA analysis on Buccal swab samples	GAD/Sero & DNA/TMM/7.2-02	-
5. Forensic Toxicology Laboratory				
5.1	Blood	Blood alcohol	GAD/Toxi/TMM/7.2-01	Range: 20-40 mg/100ml LOD: 0.11 mg/100ml
5.2	Biological samples	Acid/Neutral/Base drugs screening & identification (Midozalam, Chlorpromazine, Chlorphenramine, Amitriptyline, Diazepam, Phenobarbital, Paracetamol, Phenytoin, Clonazepam)	GAD/Toxi/TMM/7.2-02	-
6. Forensic Miscellaneous Laboratory				
6.1	Vehicles	Serial number restoration	GAD/Misc/TMM/7.2-01	-
7. Examination of Questioned Documents Laboratory				
7.1	Documents	Examination of handwritten items	ASTM-E 2290-07a	-
7.2		Examination of rubber stamp impressions	ASTM-E 2289-08	-

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment