

Details on analyses carried out by the Faculty of Science Branch

Coordinator – Prof. H.M.K.K. Pathirana, Head/Dept. of Chemistry

Telephone – 041-2227023

Sample	Lab Code	Parameter	Analytical technique	Price/Rs.
Water or Waste water	S-1	pH	Potentiometric (Glass electrode)	100
	S-2	Temperature	Thermometry	50
	S-3	Conductivity	Potentiometric	100
	S-4	Total suspended matter	Gravimetry	700
	S-5	Total dissolved matter	Gravimetry	900
	S-6	Oil and Grease	Gravimetry	1000
	S-7	BOD	Titrimetry	1000
	S-8	COD	Titrimetry	1000
	S-9	Total hardness	Titrimetry	500
	S-10	Total alkalinity	Titrimetry	500
	S-11	Fe	Colorimetry	450
	S-12	Nitrate	Colorimetry/ Potentiometric (Ion selective electrode)	450
	S-13	Chloride	Potentiometric (Ion selective electrode)	450
	S-14	Fluoride	Potentiometric (Ion selective electrode)	450
	S-15	Sulphate	Turbidimetric	450
	S-16	Turbidity	Turbidimetric	450
	S-17	Ca, Mg, Fe, Cr, Cu,Zn etc(Single element)	Atomic absorption spectrometry (AAS) (For additional samples-Rs.100/= each)	800 per element
	S-18	Ca, Mg, Fe, Cr, Cu,Zn etc(Three elements)	Atomic absorption spectrometry (AAS) (For additional samples-Rs.80/= each)	2000 for three elements
	S-19	Citronellal	HPLC	1000
	S-20	Geraniol	GC	1000
	S-21	Microorganisms (Total coliform and Faecal coliform)	Coliform test etc.	600
S-25	Dissolved oxygen	Titrimetry	500	
S-26	Calcium	Titrimetry	500	
S-27	Ammonium N	Colorimetric/Potentiometric	450	
S-28	Phosphate	Colorimetric	450	
S-29	Nitrite	Colorimetric	450	
S-30	Sulphide	Colorimetric	500	
Alcohol	S-31	Ethanol	Refractive index method	600

Special Packages are available at discount rates and they are as follows:

Packages:

Lab code	Package at discount rate	Parameters	Total charge (All inclusive) / Rs.
S-22	Water testing - option 1 (Suitable for complete testing of bottled water)	pH, conductivity, chloride, fluoride, Nitrate, total hardness and iron,	2700
S-23	Water testing - option 2 (Suitable for complete testing of row water for bottled water industry)	pH, temperature, conductivity, chloride, fluoride, Nitrate, total hardness, Iron, Microorganisms, Total suspended matter, Biochemical Oxygen demand (BOD)	5240
S-24	Water testing - option 3 (Suitable for testing of waste water from Motor Service stations)	pH, temperature, Total suspended matter, Chemical oxygen demand (COD), Biochemical Oxygen demand (BOD) and Oils and greases.	4425

Test-kits (refillable):

Lab code	Parameter	Price/Rs.
S-37	Hardness	3500
S-38	Total alkalinity	3500
S-39	Total iron	3500
S-40	Total phosphate	3500
S-41	Sugar in urine	50

Details on analyses carried out by the Faculty of Fisheries & Marine Sciences Branch

Coordinator - Dr..H.B. Asanthi, Dept. of Limnology

Telephone – 2227026

Sample	Lab Code	Parameter	Analytical technique	Price/Rs.
Fish farming	F-1		Fish disease identification	
	F-2		Water quality testing for fish farming	
	F-3		Fish feed formulation	
	F-4		Identification of fish killed by dynamite	Free of charge
	F-5		Identification of aquatic mammalian flesh which have been captured illegally	Free of charge
	F-6		Consultating services for fish farmers(Ornamental and food fish)	

Details on analyses carried out by the Faculty of Agriculture Branch

Coordinator – Dr. S. Wanniarachchi, Head/Dept.of Soil Science

Phone- 041 -2292200

Sample	Lab Code	Parameter	Analytical technique	Price/Rs.
Soil	A-1	Texture	Hydrometer	120
			Pipette method	505
	A-2	Colour	Munsel colour chart	25
	A-3	Particle density	SG bottle	100
	A-4	Bulk density	SG bottle	100
	A-5	Total dissolved matter	Gravimetry	900
	A-6	PH	PH meter	100
	A-7	Moisture constants		260
	A-8	Organic carbon	Walky and Blaky mtd	385
	A-9	CEC		535
	A-10	Base saturation %		285
	A-11	Lime requirement		180
	A-12	Total Phosphrus	Digestion	650
	A-13	Extractable P	Acid soluble	610
			Borax method	580
	A-14	Total Nitrogen	Digestion	620
	A-15	Ammonium N	Spectrophotometric	575
	A-16	Exchangeable K	Spectrophotometric	600
	A-17	Exchangeable Ca,	Spectrophotometric	535
A-18	Exchangeable Mg	Spectrophotometric	685	
A-19	Exchangeable Na	Spectrophotometric	535	
Water	A20	PH	PH meter	100
	A-21	Ammonium N	Spectrophotometric	565
	A-22	Nitrate N	Spectrophotometric	765
	A-23	Exchangeable K	Spectrophotometric	230
	A-24	Exchangeable Ca,	Spectrophotometric	175
	A-25	Exchangeable Mg	Spectrophotometric	310
	A-26	Exchangeable Na	Spectrophotometric	175
	A-27	Soluble Phenolics	Spectrophotometric	265
Food products	A-28	Nitrogen	Kjeldahl	1000
	A-29	Crude protein	Kjeldahl	1000
	A-30	Crude fiber	Fibre tec	650
	A-31	Total solids	Oven	350
	A-32	Moisture content	Oven	350
	A-33	Total ash	Muffel furnace	200
	A-34	Acid insoluble ash	Muffel furnace	250
	A-35	Total fat content	Soxhlet	650
	A-36	Salt content	Titrimetry	675
	A-37	Energy value	Bomb calorimeter	425

Note:

- In addition to above charges, 20% of total cost is charged for preparative work.
- Sampling on-site = Rs. 1000 (If more than 6hrs. are required)
- Sampling on-site = Rs. 300 (If less than 6hrs. are required)
- When sampling is carried out by the RUSL, transport should be provided. Rs. 20/= per km. is charged if transport is not provided.

(Please note that above charges may change annually)

Details on analyses carried out by the Faculty of Medicine Branch

Coordinator – Dr. Ruvin Kumara, Dept. of BioChemistry

Basic & detailed medical tests such as:

- Urine analyses
- Biochemical analyses (lipid profile, blood sugar etc.
- Eliza and radioimmunoassay for hormonal analyses (sex, thyroid, etc.)
- Semen analyses
- Parasitological tests (Filariasis, Malaria, intestinal parasites)
- Physiological tests (ECG, EEG, lung function tests, audiometry, perimetry)
- Microbiological analyses