

Study User Charges

Sl. No.	Name of Study	Rates per sample (in Indian Rupees)
1	FT-IR (a) Solid/ powder (b) Liquid	500/- 1,000/-
2	Attenuated total reflection/ Transmittance Sample (Liquid or Solid) Instrument: Nicolet iS20 FTIR Spectrometer	1,200/-
3	Ambient Polycrystalline XRD (a) 0 Detector (b) 1 Detector	1,000/- 1,500/-
4	Physico-Chemical analysis of drinking water/ effluent	5,000/-
5	Metal analysis (Non-Volatile and Volatile) (Processed samples)	1,000/- & 3000/- each
6	Pesticides (Including processing) All combined pesticide analysis	5,000/- each OCs – 10,000/- OPs – 10,000/- SPs - 10,000/- 25,000/-
7	PAH & Nitro PAHs a. Processed sample b. Unprocessed sample	15,000/- 20,000/-
8	Antibiotics Un processed sample	15,000/-
9	Neurotransmitter (a) Processed sample (b) Un processed sample	15,000/- 20,000/-
10	LC MSMS/GC MSMS analysis a. Processed sample b. Unprocessed sample	10,000/- 15,000/-
11	Phthalates (06) a. Processed sample b. Un processed sample	7,000/- 10,000/-
12	Parabens a. Processed sample b. Un processed sample	5,000/- 7,000/-
13	Direct Mercury Analyser (DMA) for mercury analysis	4,000/-
14	HPLC/UPLC a. Processed sample b. b. Unprocessed sample	5,000/- 10,000/-
15	AKTA pure protein purification system FPLC a. Gel Filtration b. Ion Exchange c. Affinity Chromatography	10,000/- 10,000/- 10,000/-
16	Material safety evaluation a. Global migration test b. Physico-chemical and biochemical (systemic injection) test on LDPE/PP sheets c. Safety assessment of PET bottle d. Suitability evaluation of GFRP pipes for potability e. Cytotoxicity & endotoxin test on biomedical devices	2,50,000/- 3,00,000/- 9,25,000/- 9,25,000/- 100,000/-
17	Scanning Electron Microscopy a. Biological samples preparation & imaging	5,000/-

	b. Material sample preparation & imaging c. EDX (Single spectrum) d. EDX (Each additional spectrum) e. Usage charges (per hours) f. Usage charges (per month)*	3,000/- 3,000/- 1,000/- 2,500/- 1,25,000/-
18	Transmission Electron Microscopy a. Biological samples preparation & imaging b. Material sample preparation & imaging c. Usage charges (per hour) d. Usage charges (per month)*	8,000/- 2,500/- 3,000/- 1,50,000/-
19	Confocal Microscopy (per slide) a. Usage charges (per hour) b. Usage charges (per month)*	3,000/- 2,000/- 1,00,000/-
20	Fluorescence Microscopy a. Usage charges (per hour) b. Usage charges (per month)*	1,500/- 75,000/-
21	Zetasizer (Dynamic light scattering)	1000/- per sample for size and zeta potential
22	Gel Documentation system	500/- per sample
23	Flow Cytometer	500/- per sample
24	Ultra centrifuge (usage charges)	2,000/- per hour 1,00,000/- per month
25	High speed centrifuge (usage charges)	1,000/- per hour 50,000/- per month
26	Fume hood for acid digestion	2000/- per day
27	Animal activity monitor (V 6.10, TSE Systems, GmbH)	1000/- per animal
28	Y-Maze System (V 3.13, TSE Systems, GmbH)	1000/- per animal
29	Grip strength monitor (V 2.32, TSE Systems, GmbH)	1000/- per animal
30	UV-Vis spectrophotometer a. Usage charges (per hour) b. Usage charges (per month)	200/- per sample 500/- 2500/-
31	ELISA plate reader (per sample/plate)	200/- per sample/plate
32	Thermocycler (PCR)-Complete cycle Gradient PCR-Complete cycle	300/- 500/-
33	RT-PCR	3000/-
34	Cytotoxicity	75,000/-
35	MTT assay	50,000/-
36	Atomic Force Microscopy (AFM)	2500/- per sample
37	Nanoparticles Tracking Analysis (NTA)	1000/- per sample
38	Comet assay	50,000/-
39	Fibre count per slide	10,000/-
40	Asbestos monitoring in air/water/sludge/biological tissues with collection per site	50,000/-
41	Receptor Binding Assay	Rs. 10,000/- per receptor per sample up to 10 samples. For more than 10 samples, Rs. 7000/- per receptor per sample.
42	Circular dichroism equipped with peltier system and stopped flow kinetics a. CD spectral scans, absorbance scans and structural determination b. Thermal denaturation and melting temperature determination c. Fast folding and unfolding kinetics and ligand binding	2,000/- 5,000/- 5,000/-

	studies using stopped flow	
43	Technical Data Collection per N.C.E.	15,000/-
44	Chemical/ APIs toxicity predetermination based on ICH guidelines	25000/-
45	Training charges One technique Multiple techniques GLP Training	10,000/- person/week 25,000/- person/week 25,000/- person/week
45	Common Microbiological test for water/ wastewater sample a. Total coliform b. Fecal coliform c. Fecal streptococci d. MPN test e. E.coli test f. Total Microbial load test	3,000/- per sample 3,000/- per sample 3,000/- per sample 3,000/- per sample 3,000/- per sample 5,000/- per sample
46	Specialised Bacterial Test for water/ wastewater sample a. Salmonella Sp. b. Klebsiella sp. c. Vibrio sp. d. Bacillus sp. e. Shigella sp. f. Yersinia sp. g. Staphylococcus sp. h. Enterococcus faecalis i. Pseudomonas aeruginosa j. Geobacillus stearothermophilus k. Listeria monocytogenes	6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample 6,000/- per sample
47	Bacterial test for food sample a. Listeria monocytogenes b. Salmonella Sp. c. Shigella sp. d. Mold analysis	15000/- per sample 15000/- per sample 15000/- per sample 25000/- per sample

Phototoxicity/ Photosafety tests		
S. No.	Chemical	Rates per sample (in Indian Rupees)
1	3-[4,5-dimethylthiazole-2-yl]-2,5-diphenyltetrazolium bromide (MTT)	50,000/-
2	Neutral Red Dye (OECD Guideline No. 432)	50,000/-
3	ROS (Intracellular as well as Photochemical) (OECD Guideline No. 495)	50,000/-
4	Cyclobutane pyrimidine dimmers (CPD)	1,00,000/-
5	Absorption and Photodegradation study	50,000/-

Immunotoxicity testing
The immunotoxicity testing in animals will be in compliance with EPA (i), USFDA (ii), ICH (iii) OECD TG407 guidance.
<i>In vitro</i> immunotoxicity assessment
<ul style="list-style-type: none"> 3 different doses of the compound would be tested.

Adaptive immunity assays			
S.No	Immunotoxicity test	Assays	Rates per sample (in Indian Rupees)
1	Cytotoxicity in splenocytes	MTT assay	50000
		Propidium Iodide assay	100000
		LDH assay	200000
2	B-cell activity	Lymphoproliferation assay	350000
3	T-cell activity	Lymphoproliferation assay	350000
		Mixed Lymphoproliferation assay	500000
4	Immunophenotyping	Identification of specific T-cell and B cell sub-population affected	600000
5	Cytokine estimation	Th1/Th2/Th17 homeostatic balance	600000
Innate immunity assays			
6	Cytotoxicity in macrophages	MTT assay	50000
		Propidium Iodide assay	100000
		LDH assay	200000
7	Effect on endotoxin induced functional activity macrophages	Phagocytic activity	200000
		Nitric oxide bioassay	150000
		Cytokine estimation (IL-1 β , IL-12, TNF- α)	600000
Animal studies for immunotoxicity assessment			
<ul style="list-style-type: none"> 3 different doses of the compound or "Limit dose" would be tested. 			
S.No	Immunotoxicity test	Assays	Rates per sample (in Indian Rupees)
1	28 days repeated dose immunotoxicity test in Balb/c mice model	Serum and hematological markers, Relative organ weight and histopathological evaluation lymphoid organs	1500000
Additional tests			
2	Cytotoxicity in splenocytes	MTT assay	50000
		Propidium Iodide assay	100000
		LDH assay	200000
3	B-cell activity	Lymphoproliferation assay	300000
4	T-cell activity	Lymphoproliferation assay	300000
		Mixed Lymphoproliferation assay	500000
5	T-cell dependent antibody response	IgM ELISA	500000
6	Immunophenotyping	Identification of specific T-cell and B cell sub-population affected	600000
7	Cytokine estimation	Th1/Th2/Th17 homeostatic balance	600000
Innate immunity assays			
1	Cytotoxicity in macrophages	MTT assay	50000
		Propidium Iodide assay	100000

		LDH assay	200000
2	Effect on endotoxin induced functional activity of macrophages	Phagocytic activity	200000
		Nitric oxide bioassay	150000
		Cytokine estimation (IL-1 β , IL-12, TNF- α)	600000
Anti allergenic activity testing			
1	28 days repeated dose anti-allergenecity test in Balb/c mice model	Assays: Systemic anaphylaxis examination, IgE, IgG1, IgG2a, IgG2b, PGD2, Histamine	2500000

Soil Sample Analysis Charges

I. Physicochemical Analysis

S.No.	Parameters	Charges
1	Bulk Density	∅ If sample is processed:- Physicochemical Analysis Charge @ Rs. 5000/- per sample
2	Soil Moisture Constants	
3	pH	
4	Conductivity	∅ If sample is unprocessed:- Additional Processing Charge @ Rs.2000/- per sample
5	Sulphate	
6	Carbonate	
7	Bicarbonate	∅ For individual parameters @ Rs. 1000/- per parameter /sample
8	Chloride	
9	Sodium	
10	Potassium	
11	Nitrate	
12	Phosphate	
13	Fluoride	

II. Total Organic Carbon Analysis (TOC)

S.No.	Parameters	Charges
1	Total Nitrogen	∅ If sample is processed: - TOC Analysis Charges Rs. 3000/-
2	Ammonium Nitrogen	∅ If sample is unprocessed: - TOC charge Rs. 3000/- and Processing charge Rs. 2000/-
3	Total Carbon	∅ For individual parameters @ Rs. 1000/- per parameter/sample
4	Inorganic Carbon	

III. Metal Analysis:

Charges for Speciation Analysis for As, Cr and Hg @ Rs. 8000/- per element through ICP-MS.

Terms and conditions:

1. In addition to the above quoted price an amount of GST will be charged as per prevailing Government rule.
2. Monthly rate has been fixed considering the machine usage for 25% of total time i.e. 10hrs a day for 20 days a month.
3. Analysis charges on analytical instruments for students/ Government funded R&D institutes/ academic institutions will be 50% of the rates quoted above.
4. The charges for overseas client would be TWICE that of mentioned above (rounding off will be done as per prevailing currency exchange rates)
5. The competent authority may bring an change in the above mentioned rates in the broader interest of the institute/ Nation.