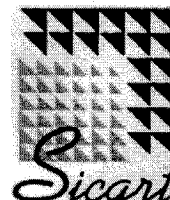


**ANALYTICAL TESTING RATES**  
(With Effect from 1<sup>st</sup> April 2023)

Sr. No.	Facility	Type of measurement (Per Sample)	For Industries	Govt. Funded Centers	Educational Institutes
1	Field Emission Gun-Scanning Electron Microscope (FEG-SEM)	Instrument Charge (Four Images)	8,000.00	4,500.00	2,150.00
		Additional each image extra	100.00	100.00	100.00
		EDAX (For two spot analysis)	3,500.00	2,400.00	1,250.00
		Each additional spot extra	500.00	500.00	500.00
		EDAX mapping For Half n Hours	3,000.00	2,300.00	1,500.00
2	Transmission Electron Microscope 200KV (TEM)	Instrument Charge (Four Images)	7,500.00	5,500.00	3,500.00
		Additional each image extra	100.00	100.00	100.00
		Electron Diffraction charges	300.00	300.00	300.00
3	Field Emission Gun-Transmission Electron Microscope (FEG – TEM) Talos F 200i	TEM (Upto Six Images)	10,500	8,000	4,000
		Additional each image	200	200	200
		TEM + SAED (Upto Six Images)	11,500	9,000	5,000
		Additional each image	200	200	200
		TEM + EDAX (Each Spot)	15,500	12,000	7,000
		Additional Each Spot	2,000	2,000	2,000
4	X-Ray Diffractometer (XRD)	Elemental Mapping with STEM & EDAX	20,500	15,000	8,000
		Additional Extra mapping per spot	2,000	2,000	2,000
		Instrument Charge	4,200.00	3,000.00	1,600.00
5	Inductively Coupled Plasma Spectrometer (ICP-OES)	Phase Analysis charge	2,800.00	2,500.00	2,500.00
		Identification charge	1,700.00	1,500.00	1,500.00
		Instrument Charge (Two Element)	3200.00	1,800.00	700.00
		Each Additional Elements	600.00	400.00	300.00
		Sample Preparation with Microwave Digestion System (MDS)	1000.00	1000.00	1000.00
6	Wavelength Dispersive X-ray Fluorescence (WD-XRF)	Sample Preparation without Microwave Digestion System (MDS)	600.00	600.00	600.00
		Multipoint Calibtn. charges (each metal)	1,000.00	1,000.00	1,000.00
		Standard less analysis for solid sample	2,300.00	1,800.00	1,000.00
		Sample Prep. Charge (Powder Pellet)	1,000.00	1,000.00	500.00
		Standard less analysis for Liquid sample	2,200.00	1,800.00	1,000.00
		TOXEL analysis	2,500.00	2,200.00	1,500.00
		WROXI Analysis	3,000.00	2,500.00	1,500.00
		Fusion Bead (WROXI Analysis)	4,500.00	4,500.00	4,500.00
7	FT-NMR Spectrometer	Proton NMR	3,000.00	2,000.00	1,200.00
		Proton NMR (D <sub>2</sub> O exchange)	3,000.00	2,000.00	1,200.00
		<sup>13</sup> Carbon NMR	4,200.00	2,500.00	1,500.00
		<sup>13</sup> C APT NMR	4,200.00	2,000.00	1,500.00
		DEPT 90 ( <sup>13</sup> C)	4,200.00	2,000.00	1,500.00
		DEPT 135 ( <sup>13</sup> C)	4,200.00	2,000.00	1,500.00
		X-nuclei ( <sup>19</sup> F, <sup>31</sup> P, <sup>29</sup> Si, <sup>27</sup> Al)	4,200.00	2,500.00	1,500.00
		Q NMR	4,200.00	3,000.00	2,500.00
		2D-NMR (COSY, TOSEY, HMBC, HMQC, NOSEY etc.)	6,000.00	3,500.00	2,500.00
		<p><b>Note: 1. Sample will be dissolved in any one of following solvents for analysis:</b> <b>MEOD, CDCL<sub>3</sub>, D<sub>2</sub>O, DMSO, Acetone</b> If sample is not soluble in any one of the above solvents, other solvent will be used and extra charges @ Rs. 600/- per sample will be charged.</p> <p><b>2. For Quantitative Analysis (Q-NMR), extra charge will be levied based on the method of analysis.</b></p>			

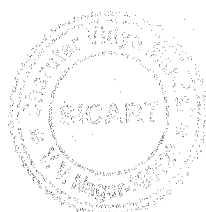


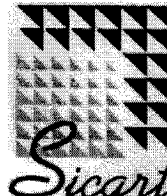


**ANALYTICAL TESTING RATES**  
(With Effect from 1<sup>st</sup> April 2023)

8	UV-VIS-NIR Spectrometer	UV-VIS	1,200.00	600.00	300.00
		UV-VIS-NIR	1,500.00	900.00	550.00
		Color Matching	300.00	300.00	300.00
9	Gas Chromatography	Instrument Charge	800.00	700.00	450.00
		Sample Preparation (Minimum)	100.00	100.00	100.00
		GC-HS Charge	1200.00	1,000.00	700.00
		GC-HS Septa Charges	150.00	150.00	150.00
10	Gas Chromatography–Mass Spectrometry (GC-MS)	Instrument Charge	2,600.00	1,900.00	1,100.00
		Mass Spectra Charge (per Peak)	200.00	200.00	200.00
		Sample Preparation charge (minimum) by Rotary Evaporator	200.00	200.00	200.00
11	Gel Permeation Chromatography (GPC)	Instrument Charge	2,500.00	1,500.00	900.00
		Sample Preparation charge	100.00	100.00	100.00
Note: For Molecular weight determination of Polymers soluble in Tetra Hydro Furan (THF)					
12	High-performance thin-layer chromatography (HPTLC)	Instrument Charges	1,700.00	1000.00	800.00
		Sample Preparation charges	100.00	100.00	100.00
		Method Development only	3,000.00	3,000.00	3,000.00
13	LC-MS/MS	Mass Spectrometer Instrument Charge	2,700.00	1,900.00	1,200.00
		LC-MS/MS Instrument Charge *	# + 4,700.00	# + 3,000.00	# + 2,000.00
<p>* Customer needs to provide the method. Sample preparation charges is minimum of Rs. 200/- per sample and extra charges may be levied, if needed, after review of the method. Mobile phase charges: Rs. 200/- per Mobile Phase.</p> <p># It includes M/z value for 1 peak of Mass Spectra. For M/z value of every extra peak, Rs. 200/- per peak will be charged.</p> <p>+ Charges for Run time of 0 to 30 minutes. For Rune time of 30 to 90 minutes, Rs. 2,000/- will be charged extra.</p> <p style="text-align: center;"><b>Note: For Method Development work, please contact us.</b></p>					
14	Elemental Analyzer (CHNS/O)	CHN Instrument Charge	2,800.00	1,800.00	900.00
		CHNS Instrument Charge	3,600.00	2,500.00	1,000.00
		Oxygen Instrument Charge	4,500.00	3,500.00	1,200.00
15	Particle Size Analyzer (PSA)	Instrument Charge	1,900.00	1,500.00	1000.00
16	Universal Testing Machine	100 KN (Three trail in same sample)	800.00	600.00	400.00

17	Thermal Analysis					
A	DSC	Temp. Range	Heating Rate	Industries	R & D Centers	Educational Institutes
		RT to 300°C	10°C per Minute	1,800	1,300	1,100
		RT to > 300°C	10°C per Minute	2,000	1,400	1,200
		0°C to 250°C	10°C per Minute	2,100	1,500	1,200
		0°C to > 250°C	10°C per Minute	2,300	1,600	1,300
Note: We can carry out DSC study as per the protocol (Temp. Range & Heating Rate) defined by the customer, if feasible. Customer is kindly requested to contact SICART for the feasibility and charges.						





B	TGA	Temp. Range	Heating Rate	Holding Temp. & Time		Industries	R & D Centers	Educational Institutes
				Temp.	Time			
		RT to 600°C	10°C per Minute	----	-----	1,800	1,400	1,100
		RT to > 600°C (Up to 1000°C)	10°C per Minute	----	-----	2,600	1,800	1,400
<b>Note: We can carry out TGA study as per the protocol (Temp. Range, Heating Rate &amp; Hold Time) defined by the customer, if feasible. Customer is kindly requested to contact SICART for the feasibility and charges.</b>								

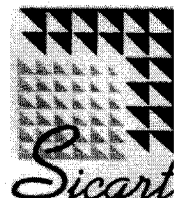
C	Determination of Glass Transition Temperature	Heating-Cooling-Re-heating Cycle	Industries	R & D Centers	Educational Institutes
		45° C to 130°C (Heating) 130° C to 45°C (Cooling) 45° C to 130°C (Re-Heating)	2,200	1,600	1,200
		0° C to 100°C (Heating) 100° C to 0°C (Cooling) 0° C to 100°C (Re-Heating)	2,500	1,800	1,400
<b>Note: We can carry out study with respect to “Determination of Glass Transition Temperature” as per the protocol (Heating-Cooling-Re-heating Cycle) defined by the customer, if feasible. Customer is kindly requested to contact SICART for the feasibility and charges.</b>					

D	DTA Study (Differential Thermal Analysis Study)	Temp. Range	Heating Rate	Industries	R & D Centers	Educational Institutes
		RT to 600°C	10°C per Min.	1,800	1,400	1,100

### Terms & Conditions

1. GST will be charged extra (as per Government rules).
2. All the users are requested to pay total amount of the bill towards analytical charges by Cheque/ RTGS/ NEFT etc. only.





## Drinking Water/Potable Water/Waste Water testing/Analysis Charges (With Effect from 01<sup>st</sup> April 2023)

Sr. No.	Parameters	Analysis Charges Per Sample	
		For Industries (Rs.)	For Academic and R&D (Rs.)
1	Colour	125	100
2	Turbidity (NTU)	175	150
3	Temperature	200	100
4	Electrical Conductivity	100	100
5	Salinity (%)	100	100
6	Total dissolved Solids (ppm)	100	100
7	pH	100	60
8	Total Solids (ppm)	250	200
9	Total Suspended solids (ppm)	250	200
10	Nitrate (ppm)	450	400
11	Fluoride(ppm)	500	400
12	Total Hardness as CaCO <sub>3</sub> (ppm)	450	400
	Calcium Hardness	300	250
	Magnesium Hardness	300	250
13	Chloride as Cl (ppm)	450	400
14	Sulphates as SO <sub>4</sub> (ppm)	450	400
15	Sulphide (ppm)	450	400
16	Ammonical nitrogen (ppm)	450	400
17	Iodine (ppm)	450	400
18	Bromine (ppm)	450	400
19	Chlorine (ppm)	450	400
20	Chromium (Hexavalent) (ppm)	450	400
21	COD	700	600
22	TOC	800	800
23	BOD- For 3 Days	1000	600
	For 5 Days	1200	800
24	Alkalinity	450	400
25	Acidity	450	400
26	Cyanide	800	600

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