



**ANALYTICAL TESTING RATES  
(With Effect from 1<sup>st</sup> April 2020)**

Sr. No.	Facility	Type of measurement	For Industries	Govt. Funded Centers	Educational Institutes
1	FEG-SEM	Instrument Charge (Up to Four Images)	7,000.00	4,500.00	2,150.00
		EDAX	3,200.00	2,400.00	1,250.00
		EDAX mapping For Half n Hours	2,500.00	2,300.00	1,500.00
2	Transmission Electron Microscope 200KV(TEM)	Instrument Charge (Up to Four Images)	7,500.00	5,500.00	3,500.00
		Electron Diffraction charges	300.00	300.00	300.00
3	X-Ray Diffractometer (XRD)	Instrument Charge	3,800.00	3,000.00	1,600.00
		Phase Analysis charge	2,500.00	2,500.00	2,500.00
		Identification charge	1,500.00	1,500.00	1,500.00
4	Inductively Coupled Plasma Spectrometer (ICP-OES)	Instrument Charge (Two Element)	3200.00	1,800.00	700.00
		Each Additional Elements	600.00	400.00	300.00
		Sample Preparation with MDS (per sample)	1000.00	1000.00	1000.00
		Sample Preparation without MDS (per sample)	600.00	600.00	600.00
		Multipoint calibration charges (per each metal)	1,000.00	1,000.00	1,000.00
5	UV-VIS-NIR Spectrometer	180-800nm Transmission/Absorption	600.00	400.00	250.00
		200-800 nm Reflectance	700.00	500.00	350.00
6	FT-IR Spectrometer	4000 cm <sup>-1</sup> to 400 cm <sup>-1</sup>	1,250.00	950.00	550.00
7	Gas Chromatography	Instrument Charge	800.00	700.00	450.00
		Sample Preparation charge (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
8	HPLC	Instrument Charge (1 min to 20 min)	1,100.00	900.00	500.00
		Sample Preparation charged	100.00	100.00	100.00
9	GPC (SEC)	Instrument Charge	2,000.00	1,400.00	800.00
		Sample Preparation charge	100.00	100.00	100.00
10	Elemental Analyzer (CHN)	CHN Instrument Charge	2,300.00	1800.00	900.00
11	Universal Testing Machine (UTM)	100 KN (Three trail in same sample) (each measurement)	800.00	600.00	400.00
12	GC-MS	Instrument Charge	2,400.00	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
13	Particle Size Analyzer	Instrument Charge	1,700.00	1,500.00	1000.00
14	Thermal Analysis (Note: DSC charges will vary according to different heating rates and different temperature range)	<b>DSC (Temp. Ranges)</b>			
		RT to 300°C @ 10°C(each sample)	1,700.00	1,300.00	1,050.00
		Above 300°C @ 10°C	1,900.00	1,400.00	1,100.00
		LT to 250°C @ 10°C(each sample)	2,100.00	1,450.00	1,150.00
		Above 250°C @ 10°C(each sample)	2,200.00	1,550.00	1,250.00

		<b>Glass Transition</b> RT @ 10°C(each sample) LT @ 10°C(each sample)	2,100.00 2,500.00	1,550.00 1,750.00	1,200.00 1,400.00
		<b>Simultaneous TG/DTA</b> RT to 500 °C (each Sample) RT to 1000 °C (each Sample)	1,700.00 2,500.00	1,350.00 1,750.00	1,050.00 1,400.00
15	Deionised Water	Deionised Water HPLC Grade Water	150.00 200.00	150.00 200.00	150.00 200.00
16	Viscometer	Instrument Charge	500.00	400.00	350.00
17	HPTLC	Instrument Charges Sample Preparation charges Method Development Charges	1,500.00 100.00 2,000.00	750.00 100.00 2,000.00	750.00 100.00 2,000.00
18	LC-MS/MS (Each Sample)	MS/MS Instrument Charge LC-MS Instrument Charge	2,500.00 4,000.00	1,900.00 3,000.00	1,200.00 2,000.00
	[LC-MS-MS method is to be provided by customer. Minimum charges of Rs.200.00 per sample for sample preparation. It varies from method to method . Extra Mass Spectra Rs. 200.00 per Peak. Mob. phase preparation charge 200.00 additional (If required)]		<b>Note:</b> The charges of the sample analysis for LC-MS is 1 min to 30 min; up-to 30 to 60 min 2,000.00 additional		
19	WD-XRF (Per Sample)	Standard less analysis for solid sample	2,200.00	1,800.00	1,000.00
		Sample Preparation charge (Powder Palate)	1,000.00	1,000.00	500.00
		Standard less analysis for Liquid sample	2,000.00	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
20	NMR Analysis Charges (Per Sample)	Proton NMR	2,600.00	1,900.00	1,000.00
		Proton NMR (D <sub>2</sub> O exchange)	2,600.00	1,900.00	1,000.00
		<sup>13</sup> Carbon NMR	3,700.00	2,200.00	1,300.00
		<sup>1</sup> H NMR (Methanol)	2,800.00	2,000.00	1,500.00
		<sup>1</sup> H NMR (Acetone)	2,800.00	2,000.00	1,500.00
		<sup>13</sup> Carbon NMR (Methanol)	3,800.00	2,200.00	1,700.00
		<sup>13</sup> Carbon NMR (Acetone)	3,800.00	2,200.00	1,700.00
		<sup>13</sup> C APT NMR	3,800.00	1,800.00	1,300.00
		Depth 90 (13 C)	3,800.00	1,800.00	1,300.00
		Depth 135 (13 C)	3,800.00	1,800.00	1,300.00
		X-nuclei (19F,31P, 29Si, 27Al etc.)	3,800.00	1,800.00	1,300.00
		2D-NMR (COSY, TOSEY, HMBC, HMQC, NOSEY etc.)	5,600.00	3,000.00	2,000.00
		Solid state NMR (Per one hour) (For additional one hour will be charged extra @ Rs. 1,000.00)	13,000.00	7,000.00	6,000.00
<b>Note:</b> Available solvents: MEOD, CDCL <sub>3</sub> , D <sub>2</sub> O, DMSO and Acetone					

### Terms & Conditions

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