

**SOPHISTICATED INSTRUMENTATION CENTRE
FOR APPLIED RESEARCH AND TESTING**

(Sponsored by Department of Science & Technology, Govt. of India, New Delhi)

NABL Accredited Laboratory

Charutar Vidya Mandal

Vallabh Vidyanagar – 388120, Dist ANAND, GUJARAT, INDIA

**ANALYTICAL TESTING RATES
(Revised with Effect from 22nd May 2017)**

Sr. No.	Facility	Type of measurement	Charges For Industries	Charges for Educational Institute
1	Environmental Scanning Electron Microscope(ESEM)	Instrument Charge (Up to Four Images)	3,200.00	1,400.00
		Additional Each Image	50.00	50.00
2	FEG-SEM	Instrument Charge (Up to Four Images)	5,500.00	1,800.00
		Additional Each Image	50.00	50.0
		EDAX	2,850.00	1,200.00
		EDAX mapping For Half n Hours	1,500.00	1,500.00
3	Transmission Electron Microscope 200KV(TEM)	Instrument Charge (Up to Four Images)	5,500.00	1,800.00
		Additional Each Image	50.00	50.00
		Electron Diffraction Charges	300.00	350.00
		Sample preparation on Copper Grid	500.00	500.00
		Ultra microtome Charges	1,000.00	1,000.00
4	X-Ray Diffractometer (XRD)	Instrument Charge	2,300.00	1,200.00
		Identification Charges (if Possible)	300.00	300.00
5	Inductively Coupled Plasma Spectrometer (ICP-OES)	Instrument Charge (Two Element)	2,400.00	850.00
		Each Additional Elements	350.00	150.00
		Sample Preparation Charge with MDS	600.00	600.00
		Sample Preparation on without MDS	300.00	300.00
		Multipoint calibration charges (per each metal)	1,000.00	1,000.00
6	UV-VIS-NIR Spectrometer	180-1200nm Transmission/Absorption	500.00	250.00
		180-3200 nm Transmission/Absorption	700.00	350.00
		180-1200 nm Reflectance	600.00	300.00
		180-2500 nm Reflectance	700.00	350.00
		400-700 nm Colour matching	500.00	250.00
7	FT-IR Spectrometer	4000 cm ⁻¹ to 400 cm ⁻¹	1,000.00	400.00
		10000 cm ⁻¹ to 4000 cm ⁻¹	1,000.00	400.00
8	Gas Chromatography GC with Head Space	Instrument Charge	600.00	350.00
		Sample Preparation charge	100.00	100.00
		GC-HS	1200.00	700.00
		GC-HS Septa Charges	150.00	150.00
9	HPLC	Instrument Charge (1 min to 15 min)	1,000.00	500.00
		Sample Preparation charge	100.00	100.00
10	GPC (SEC)	Instrument Charge	1,500.00	800.00
		Sample Preparation charge	100.00	100.00
11	Elemental Analyzer (CHNSO)	CHN Instrument Charge	1,800.00	800.00
		CHNS Instrument Charge	4,500.00	1,700.00
		Sample Preparation charge	100.00	100.00
12	Universal Testing Machine (UTM)	100 KN (Three trail in same sample) (each measurement)	700.00	350.00
13	Micro Hardness Tester (MHT)	10 to 2000 gf	300.00	200.00
		Depth of Hardness	750.00	400.00
14	GC-MS	Instrument Charge	2,000.00	900.00
		Mass Spectra Charge (per Peak)	200.00	200.00
		Sample Preparation charge (minimum)	200.00	200.00
15	Particle Size Analyzer	Instrument Charge	1,400.00	700.00
16	Mercury Porosimeter	Instrument Charge	5,000.00	2,750.00
17	Ion Chromatography	Instrument Charge	2,000.00	1,000.00

18	Thermal Analysis (Note: DSC charges will vary according to different heating rates and different temperature range)	DSC (Temp. Ranges) RT to 300°C @ 10°C(each sample) Above 300°C @ 10°C LT to 250°C @ 10°C(each sample) Above 250°C @ 10°C(each sample)	1,600.00 1,700.00 2,000.00 2,100.00	950.00 1,000.00 1,100.00 1,200.00
		Glass Transition RT @ 10°C(each sample) LT @ 10°C(each sample)	2,000.00 2,400.00	1,100.00 1,300.00
		TGA (Temp. Range) RT to 700°C @ 10°C(each sample)	1,600.00	900.00
		Simultaneous TG/DTA Instrument Charge (each Sample)	2,400.00	1,350.00
19	Liquid Nitrogen		150.00	150.00
20	Deionised Water	Deionised Water	100.00	100.00
		HPLC Grade Water	150.00	150.00
21	Viscometer	Instrument Charge	500.00	350.00
22	HPTLC	Instrument Charges	1,500.00	750.00
		Sample Preparation charges	100.00	100.00
		Method Development Charges	2,000.00	2,000.00
23	LC-MS/MS (Each Sample)	MS/MS Instrument Charge	2,000.00	1,100.00
		LC-MS Instrument Charge	3,000.00	1,900.00
		[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. 200.00per Peak.		
24	WD-XRF (Per Sample)	Standard less analysis for solid sample	2,000.00	1,000.00
		Sample Preparation charge (Powder Palate)	1,000.00	500.00
		Standard less analysis for Liquid sample	2,000.00	1,000.00
		TOXEL analysis	2,500.00	1,500.00
		WROXI Analysis	3,000.00	1,500.00
		Sample Preparation Charges (Fusion Bead)	4,500.00	4,500.00
25	NMR Analysis Charges (Per Sample)	Proton NMR	2,300.00	1,200.00
		Proton NMR (D2O exchange)	2,300.00	1,200.00
		13 Carbon NMR (Up to one hour)	3,500.00	1,600.00
		13 C APT NMR (Up to one hour)	3,500.00	1,600.00
		Depth 90 (13 C) (Up to one hour)	3,500.00	1,600.00
		Depth 135 (13 C) (Up to one hour)	3,500.00	1,600.00
		X-nuclei (19F,31P, 29Si, 27Al etc.) (Up to one hour)	3,500.00	1,600.00
		2D-NMR (COSY, TOSEY, HMBC, HMQC, NOSEY etc.) (Up to one hour)	3,500.00	1,600.00
		Solid state NMR (Per one hour) (For additional one hour will be charged extra @ Rs. 1,000.00)	8,000.00	4,000.00
<p>Note: (i) For additional one hour or less will be charged extra Rs.600.00 (Only for Liquid State NMR) (ii) Rs. 300.00 sample preparation charges included in above all NMR test) Available solvents: MEOD, CDCL3, D2O, DMSO and Acetone Note: If sample is not soluble in given solvents, we will charge extra Rs. 600.00 per sample for solvent charges.</p>				

Terms & Conditions

1. Additional administrative, sample preparations etc. would be extra if required.
2. Service Tax will be charged extra as per Government rules.