

Center of Excellence (CoE) in Drug Discovery

NFDD Complex Department of Chemistry

(UGC SAP & DST - FIST Funded)

Saurashtra University , Rajkot- 360005

Analysis Charges (per sample) (with effective from 1st April, 2016)

Sr. No.	Facility	Region / Type of analysis	Analysis Charges (In Rupees)	Minimum Sample quantity	Remarks
1	400MHz Advance III NMR ¹ H NMR & ¹³ C, ¹⁵ N, ³¹ P NMR	¹ H NMR	Rs. 1300/- per sample (CDCl ₃)	5 mg	<ol style="list-style-type: none"> Rs. 1500/- (Solvents other than CDCl₃) Additional charge @Rs.200/30min.run time per sample.
		Carbon NMR (Min. 20 mg sample require)	Rs. 1500/- per sample (CDCl ₃)	30 mg	<ol style="list-style-type: none"> Rs.1700/- (Solvents other than CDCl₃) Additional charge @Rs.200/30min.run time per sample.
2	FT-IR Spectroscopy	4000-400	Rs. 600/- per sample	20mg	-
3	UV-Visible Spectroscopy	NA	Rs. 500/- per sample	5mg	-
4	XRD	Single crystal	<ol style="list-style-type: none"> Rs. 16,000/- per sample Structure determination 4000/- per sample 	-	Additional exposure time more than 20sec will be charged extra @Rs 4000/10sec
5	Mass Spectroscopy	NA	Rs. 1500/- per sample	5 mg	<ol style="list-style-type: none"> Additional charges for peak identification @ Rs.200/peak For GC-MS please ask for Performa
6	Chromatography	GC (Volatile Sample)	Rs. 1200/- per sample	5 mg	Additional charge @100/- per hr.
		Head Space-GC	Rs. 1200/- per sample	5 mg	Additional charge @100/- per hr.
		HSGC Septa charge	Rs. 200/- per sample		

7	Chromatography	HPLC	Rs. 1000/- per sample.	20mg	<ol style="list-style-type: none"> 1. Additional charge @ 250/- per 30 min. 2. Method development and validation charges as per requirements 3. Solvent and sample preparation charges will be charged separately
8		UPLC	Rs. 1000/- per sample.	20mg	<ol style="list-style-type: none"> 1. Additional charge @ 250/- per 30 min. 2. Method development and validation charge as per requirements 3. Solvent and sample preparation charges will be charged separately
9		HPTLC	Rs.1000/- per sample	20mg	<ol style="list-style-type: none"> 1. Additional charge @ 250/- per 30 min. 2. Method development and validation charge as per requirements 3. Solvent and TLC plate charges will be charged separately
10		Ion Chromatography	Rs.1500/- per sample	20mg	<ol style="list-style-type: none"> 1. Additional charges @ 300/- per 30 min. 2. Method development and validation charges as per requirements 3. Solvent charge will be charged separately
11	DSC, DTA, TGA Analysis	Room temp. to 500° C	Rs. 1600/- per sample	20mg	10°C / min N ₂ atm., (DSC up to 300°C)

12	Elemental Analyser	C,H,N,S,O elements	1. Rs.500/- per element(CHNS) per sample 2. For Oxygen Rs. 800/-per sample	20mg	
13	Polari meter	NA	Rs. 400/- per sample	20mg	
14	Water by KF	NA	Rs. 500/- per sample	20mg	
15	UTM	Tensile, Flexural, Compression	Rs.800/- per sample/test	20cm x 20cm x 0.4cm	Sample preparation charge@Rs.200/- per sample
16	HDT	50° C-200° C	Rs. 400/- per sample	15 cmx15cm x 0.5cm	Sample preparation charge@ Rs.100/- per sample
17	Sound Velocity and density	Organic, Inorganic liquid, Solutions polymer solutions	Rs. 500/- per sample for 5 concentrations	10-15 g	
18	Refractometer	NA	Rs. 400/- per sample	20mg	

-: Terms and Conditions:-

- 1) 75 % Discount to Universities and colleges.
- 2) The analytical data/spectra are provided only for research development purposes. These cannot be used as certificates in legal disputes.
- 3) All concern persons, research fellows and students are advised to send their application and samples through their supervisors or Head of Department. The request should be made only on University/College letter head.
- 4) **Sample preparation, solvents, uses of instruments and Method development will be charged extra, varies from material to material and method to method depending on the sample, if required so.
- 5) Postal or Courier charges extra. Soft copy of data will be provided at Rs. 50.00 per sample
- 6) As per Govt. rules Service and other Taxes will be charged on the analysis charges.
- 7) Samples and advance payment should be sent preferably in the same cover. Separate samples should be sent for different analysis. Samples will not be analysed till payment is received.
- 8) Maximum 15 samples per lot for any type of analysis are accepted at a time.
- 9) Unstable and explosive compounds are not accepted for analysis.
- 10) Interpretation of spectra is not undertaken normally. In special cases, this service can be provided on payment of extra charges.
- 11) Analysis/consultancy/service charges are payable in advance through Demand Draft/Cheque at PAR of nationalize banks should be in favour of "**Centre of Excellence**" payable at Rajkot and send it to following address.
- 12) For further inquiry please write to us on following e-mail id only. E-mail communication is advisable for query and other information in order to avoid miscommunication.

Prof. Anamik Shah

In-Charge

Centre of Excellence

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