

Sophisticated Instrumentation Facility

Department of Chemistry, University of Mumbai invites samples from industry and academia, for various types of analyses at nominal charges.

The facilities available are:

- FT-NMR
- FTIR with Far-IR
- TG/DTA
- DSC
- HPLC
- UV-Visible
- Fluorimemetr
- CD Spectrometer
- Polarimeter
- AAS
- XRD
- GC-MS
- Elemental Analyser

Requisition Form and Schedule of charges is attached herewith.

Date of the Analysis:-

Signature of the Analyst

(Note: DD should be drawn in favour of 'The Finance and Accounts Officer, University of Mumbai')

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI				
Facility	Industry	University	National Labs	
CHNS Estimation	3200.00	800.00	1920.00	Per Sample
Oxygen Estimation	3200.00	800.00	1920.00	Per Sample
Routine FTIR Spectrum	800.00	200.00	480.00	Per Sample
Far IR	1000.00	250.00	600.00	Per Sample
GC-MS (EI) Analysis	3200.00	800.00	1920.00	Per Sample (For one Major Peak)
	800.00	200.00	480.00	for every additional peak
¹ H NMR	2000.00	500.00	1200.00	Per sample + solvent charges*
D ₂ O Exchange	500.00	125.00	300.00	Per Sample + solvent charges*
¹³ C NMR/ ³¹ P / X-nuclei/ 2D NMR / Special 1D NMR experiments	3600.00	900.00	2160.00	First Hour + solvent charges*
	2400.00	600.00	1440.00	For Subsequent hour or part thereof
T G A/D T A/DS C	2000.00	500.00	1200.00	Per Hour or part thereof
AAS : Standarization / Calibration	800.00	200.00	480.00	Per calibration/element
AAS : Estimation	200.00	50.00	120.00	Per Sample (Air-C ₂ H ₂)
AAS : Standarization / Calibration	1000.00	250.00	600.00	Per calibration/element
AAS : Estimation	300.00	75.00	180.00	Per Sample (N ₂ O-C ₂ H ₂)
UV-VIS Spectrum(190-1100 nm)	800.00	200.00	480.00	per sample/spectrum
UV-VIS Qauntitative Analysis (Calibration)	600.00	150.00	360.00	Per calibration
UV-VIS Qauntitative Analysis (Estimation)	200.00	50.00	120.00	Per sample
Diffused Reflectance	2000.00	500.00	1200.00	per sample/spectrum
Fluorescence	1200.00	300.00	720.00	per sample

Optical Rotation	1200.00	300.00	720.00	per sample
XRD	3200.00	800.00	1920.00	Per sample, first 30 min
	800.00	200.00	480.00	For subsequent 15 min or part thereof
HPLC	3200.00	800.00	1920.00	per sample, per 30 min
	800.00	200.00	480.00	For subsequent 15 min or part thereof
*Deuterated Solvent Charges for NMR		CDCl ₃	50.00	Per sample
		D ₂ O	240.00	Per sample
		DMSO-D ₆ , Benzene (C ₆ D ₆), Acetone-D ₆	200.00	Per sample
		Methanol, Acetonitrile	300.00	Per sample
		Tri- Fluoro Acetic Acid, Pyridine	400.00	Per sample
		Di-Methyl Formamide (DMF)	2400.00	Per sample

Schedule of Charges:

All the users are required to submit MSDS (Material Safety Data Sheets) for each sample they submit and a certificate stating that the samples submitted are non-toxic or non-hazardous and that the sample does not require special precaution while handling.

All samples should accompany the payment in order to be considered for registration and analysis. All the payments should be made **in advance by a Demand Draft(DD) only** in favour of **The Finance and Accounts Officer, University of Mumbai** and submitted to **The Head, Department of Chemistry, University of Mumbai, Vidyanagari, Mumbai 400 098**.

Note:

Applicants claiming concession are required to submit a covering letter from the institutional head.

An additional charge of Rs 100/- is applicable for **Speed Post** to all users getting their result by these means and also for those who wish to get their results in **CD** will have to pay Rs 25/- extra. Dispatch address will be same as the address on the letterhead.

Department of Chemistry, University of Mumbai reserves the right to revise the charges.