

Nirma University

Centre for Advanced Instrumentation

Testing Rates for Availing Facility (w.e.f 1st January, 2022)

Sr. No.	Name and Make of the Instrument	Other than NU - Academia / Research Organisations (Rs.)	Industries (Rs.)
Chromatography			
1	Gas Chromatography (GC) with three detectors <i>Shimadzu 2010</i>	500/sample.	800/sample.
2	High Pressure Liquid Chromatography (HPLC - Analytical and Semi-preparative) <i>Jasco PU 2080 Plus and Agilent G1312C</i>	Analysis only - 200/sample for Rt upto 15 min. Method Development - Upon request.	Analysis only - 400/sample for Rt upto 15 min. Method Development - Upon request.
3	High Performance Thin Layer Chromatography (HPTLC) <i>Camag</i>	Scanning only - 200/sample; Analysis only - 500/sample; Method Development - 2000/sample.	Scanning only - 400/sample; Analysis only - 1000/sample; Method Development - 4000/sample.
4	Super Critical Fluid Chromatography / Extraction (SFC/E) <i>Jasco</i>	4000/sample.	8000/sample.
Spectroscopy and Characterization			
5	Atomic Absorption Spectrophotometer (AAS) <i>Shimadzu AA-6300</i>	400/element per sample.	800/element per sample.

6	Differential Scanning Calorimeter (DSC) <i>DSC7020</i>	For Solid samples only upto 300°C - 600/sample; upto 450°C - 700/sample.	For Solid samples only upto 300°C - 1200/sample; upto 450°C - 1400/sample.
7	FT-IR Spectrometer with Microscope <i>FTIR-6100</i>	for solid - 200/sample; for non-aqueous liquid - 400/sample.	for solid - 400/sample; for non-aqueous liquid - 700/sample.
8	High Pressure Homogenizer (HPH) <i>Panda Plus-2000</i>	600/sample volume of 400 mL for maximum 3 run. For more runs, it will be considered as additional samples.	1000/sample volume of 400 mL for maximum 3 run. For more runs, it will be considered as additional samples.
9	Lyophilizer (Freeze Dryer) <i>Hshin Bio Base TFD 8503</i>	Rs.1000/sample upto 100 mL or 24 hr.	Rs. 2000/sample upto 100 mL or 24 hr.
10	Particle Size Analyzer (PSA) <i>Horiba SZ-100Z</i>	For Liquid samples - 500/sample for Particle Size Analysis; 300/sample for Zeta Potential; 700/sample for Both (PSA & ZP). for solid samples - solvent charges extra.	For Liquid samples - 1000/sample for Particle Size Analysis; 500/sample for Zeta Potential; 1400/sample for Both (PSA & ZP). for solid samples - solvent charges extra.
11	Spectrofluorometer <i>Jasco FP-6500</i>	200/sample or 1000/hour.	400/sample or 2000/hour.
12	Total Organic Carbon (TOC) <i>TOC-VCSH</i>	2500/sample.	Upon Request.

13	UV/VIS/NIR Spectrophotometer <i>Jasco V-570</i>	200/sample or 1000/hour.	400/sample or 2000/hour.
Molecular Biology			
14	Florescent Microscope <i>Nikon Eclipse Ti2</i>	2000/hour.	Upon Request.
15	Flow Cytometer <i>Attune NxT</i>	2000/hour.	4000/hour.
16	Real Time PCR <i>QuantStudio 3</i>	500/run or cycle.	1500/run or cycle.

Terms and Conditions

1. Separate Testing Rates for availing CAI facility are specified for i) Nirma University Research Scholar with Contingency Grant; ii) Funded Project for Nirma University Faculty / Staff Members; iii) Other than Nirma University Academia / Research Organizations; and iv) Industries **with effective from 1st January, 2022.**
2. All concern student / research fellow / academician / industry person are advised to send “Sample Analysis Form” and samples through their supervisors / Head of Department / Head of Institute. The request should be made only on College / University / Industry letter head.
3. Analysis charges are payable in advance through Demand Draft / at par Cheque and in favour of “*Institute of Technology, Nirma University*” payable at Ahmedabad. As per Govt. rules, Service Tax will be charged extra on above mentioned analysis charges (for non-Nirma University users). **Please add 18% GST on total cost of analysis** and send Demand Draft / at par Cheque of total amount including tax.
4. No sample will be analysed without advance payment.
5. Samples and advance payment should be sent preferably in the same cover. Separate samples should be sent for different analysis. Samples will not be processed without duly filled “Sample Analysis Form”. Samples are not recovered unless specific request is made and subject to extra cost.
6. Soft copy of data will be provided by email only.

7. The analytical data / spectra are provided for research and development purposes only. These cannot be used as supported document / certificates in legal disputes.
8. Interpretation of data / spectra will not be provided. In special cases, this service can be provided on payment of extra charges.
9. Maximum 10 samples per lot for any type of analysis are accepted at a time.
10. The samples will be analysed within 7 working days after completion of all formalities. No enquiry from outside party regarding completion of analysis of samples will be entertained before 7 working days. In case of short payment, incomplete method or system problems, the time for analysis will start after sorting all issues.
11. Samples will be analysed on first come first served basis. No enquiry will be entertained after 30 days of submitting results.
12. Samples requiring a specific method will not be accepted unless accompanied with detailed method and availability of requisite infrastructure / chemicals at CAI, Nirma University. For specific sample preparation, for typical solvents and for method development, extra charge will be applied, if required, depending upon requirements and method of analysis.
13. Unstable and explosive compounds are not accepted for analysis.
14. The above rates are subject to revision from time to time.
15. For further inquiry, please contact us on head.cai@nirmauni.ac.in.