

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
SECTOR 67, PHASE X, S.A.S. NAGAR - 160 062
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NIPER Instruments Sample Analysis Charges
2025

S. No	Instrument Experiments	Type of Experiments	Proposed Charges for Industry
01	NMR SPECTROMETER Make: JEOL Model: ECA500 MHz	¹ H, ¹³ C, ¹⁵ N, ³¹ P, (With solvent CDCl ₃) D ₂ O Exchange etc. 1-D Normal Spectrum	Rs. 4500 per Spectrum or Rs. 4500 per hour of instrument time whichever is more
		¹ H, ¹³ C, ¹⁵ N, ³¹ P, (With DMSO-d ₆ , CD ₃ OD & others deuterated solvents) 1-D Normal Spectrum	Rs. 5000 per Spectrum or Rs. 5000 per hour of instrument time whichever is more
		2-D COSY, HMQC or others using Gradient	Rs. 6000 per Spectrum or Rs. 6000 per hour of instrument time whichever is more
		2-D Correlation Spectrum (COSY, NOESY, ROESY, TOCSY etc.)	Rs. 6000 per Spectrum or Rs. 6000 per hour of instrument time whichever is more
		DEPT 45, DEPT 90 & DEPT 135 (Combined)	Rs. 8000 per Spectrum or Rs. 8000 per hour of instrument time whichever is more.
02	Accelerated Solvent Extraction (ASE)	Extraction	Rs. 2000 per solvent
03	FREEZE DRYER (Lyophilizer)	RBG Bottle 500 ml / 1000 ml	Rs. 2000 per sample up to 100ml / 24 hr.
04	HPLC Make: Shimadzu	Analytical Qualitative	Rs. 2000 per Sample or
		Analytical Quantitative	Rs. 2500 per Sample
		Using Conductive/Pulse detectors Analytical Qualitative	Rs. 3000 per Sample or Rs. 2000 per hour of instrument

			time whichever is more
		Using ELSD detectors Analytical Quantitative	Rs. 3000 per Sample or Rs. 2000 per hour of instrument time whichever is more
		Using Specialized Columns (a) Size exclusion analysis (b) Carbohydrate analysis	Rs. 3500 per Sample Rs. 3500 per Sample
		HPLC Method Development	Rs. 3000 per hour of instrument time
		Method Development	
05	HP-TLC	Analytical Qualitative	Rs. 3000 per Sample
		Analytical Quantitative	Rs. 3000 per Sample or Rs. 3000 per hour of instrument time whichever is more
		Standard Curve Single compound for Quantitative Analysis (Method to be provided)	Rs. 6000 with 5 point curve
06	GC-MS with Head Space	Analytical Qualitative	Rs. 5000 per Sample
		Analytical Quantitative	Rs. 5000 per Sample
		Method Development	Rs. 5000 per hour of instrument time
		Standard Curve Single compound for Quantitative Analysis (Method to be provided)	Rs. 6000 with 5 point curve
		Library Search	Rs. 500 per peak
07	Spray Dryer	Aqueous sample	Rs. 2500 per hour of instrument time
		Method Development	Rs. 2500 per hour of instrument time
08	Supercritical Fluid Extraction (SCFE) Facility	Lab Scale	Rs. 5000 per sample or per hour of instrument time whichever is more
09	HR-TEM	Instrumentation Charges per hour of scanning and digital TEM images (on CD provided by user)	Rs. 10000 per sample or Rs. 10000 per hour of instrument

			time whichever is more
		EDS Analysis	Rs. 2000 per scan
		STEM Imaging	Rs. 2000 per snap
		Ultra microtome	Rs. 2000 per block (5 sections on the grid without staining)
10	<p>Variable Pressure Scanning Electron Microscope (SEM) Hitachi S3400N Resolution: SE Image-3 nm at 30 KV in High Vacuum mode; 10 nm at 3 KV in High Vacuum mode; BSE Image 4 nm at 30 KV in variable pressure mode.</p> <p>Detectors: Secondary Electron Detector; High sensitivity 5 Quadrant Semiconductor type; Back Scattered Electron Detector (BSED); Environmental Secondary Electron Detector; Thermo EDS System Free X-ray Super Dry Si (Li) Detector II with Light window for elemental analysis from Be/B to Uranium. Deben Cooling stage (-25 to +50 °C); Critical point drier available, Application areas: Biology, Geology, Metallurgy, Material Science. Sample nature for analysis: Liquid, solid, tissues, cells etc. CPD (Critical Point Drying)</p>	Per sample Imaging (normal) using carbon or gold coating	Rs. 5000
		Per sample Imaging (Using cooling stage)	Rs. 7500
		Elemental analysis by EDS per sample	Rs. 5000
		CPD Per sample	Rs. 1000

11	Confocal Laser Scanning Microscope FV 1000 SPD Controlled Environment Cell Growth Chamber for live cell imaging Spectral Fluorescent detector; Transmitted Light detector (Multi Ar laser 458, 488 & 515 nm), 543 nm HeNe (230 V), 633 HeNe (230V) FRET and FRAP, Colocalization analysis, spectral mixing, 3D reconstructions	Per Sample (Live Cell Imaging):	Rs. 5000 per sample per hour.
		Fixed samples/Cells	Rs. 5000 per slide/sample
12	High Pressure Homogenizer Emulsiflex C-3		Rs. 2000 per Sample
13	Zeta Sizer	Particle size	Rs. 2000 per Sample
		Zeta Potential	Rs. 2000 per Sample
14	Semi Preparative HPLC	Method and Solvents to be provided by user	Rs. 5000 per hour of instrument time
15	Preparative HPLC	Method and Solvents to be provided by user	Rs. 6000 per hour of instrument time
16	Automated flash purification system	Method and Solvents to be provided by user	Rs. 4000 per hour of instrument time
17	Size Exclusion Chromatography		Rs. 3500 per hour of instrument time
18	Freeze Dryer		Rs. 2000 per sample up to 100ml/24hr or Rs. 2000 hour of instrument time whichever is more
19	ULTRA CENTRIFUGE (Refrigerated)	Fixed Angle Rotor without Tubes	Rs. 2000 per hr.
		Fixed Angle Rotor with Tubes	Rs. 2500 per hr.
		Swing Bucket without Tubes	Rs. 2000 per hr.
		Swing Bucket with Tubes	Rs. 2500 per hr.
20	CEM Parallel Microwave Synthesizer Make CEM Explorer	Synthesis of organic compounds (All chemicals and solvents shall be provided by the user. Method for synthesis to be provided by	Rs 3000 per hour of instrument time.

Model 909155	user.)	
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Sample Submission Procedure

1	<i>It is required to supply samples for each instrument separately with proper sample code, name of instrument, analysis required and quantity of sample in the eppendorf tubes of 1.5 ml volume. Please provide required sample quantities as specified on requisition forms. Please insure that only requested quantity is provided.</i>
2	<i>Please add GST @ 18.00 % in the above rate list.</i>
3	<i>Please add courier charges of Rs.100.</i>
4	<i>Please add 25% in the above rate list for soft copy of analysis i.e. data in excel or other format which are possible with the specific instrument except PDF.</i>
5	<i>The above charges are for industry.</i>
6	<i>The academic institutes will be charged only half the charges indicated above.</i>
7	<i>The SME- Pharma will be charged only half of the charges indicated in list.</i>
8	<i>Technology Business Incubator will be charged only half of the charges indicated in list.</i>
9	<i>The samples will be analyzed within 15 working days after completion of all formalities. In case of short payment, incomplete method, system problem the time will start after sorting all issues. Samples will be analyzed on first come first served basis. No enquiry will be entertained after 30 days of dispatch of results.</i>
10	<i>No enquiry from outside party regarding completion of analysis of samples will be entertained before 15 working days.</i>
11	<i>Samples requiring a specific method will not be accepted unless accompanied with detailed method and availability of requisite</i>

	<i>infrastructure/chemicals at NIPER. The receipt of payment should also be deferred in these cases till the time full clarity is obtained from party.</i>	
12	<i>No sample will be processed without duly filled “Service Request Form” available on NIPER website</i>	
13	<i>Entry of outsider (submitting samples) will be strictly forbidden in the instrument laboratories. The samples must be submitted to the authorized person.</i>	
14	<i>Please note that NIPER will first cater to its own students and faculty.</i>	
15	<i>The payments can be deposited vide DD only payable in favor of Director, NIPER payable at Chandigarh / Mohali. Or through RTGS/ NEFT.</i>	
16	<i>In case of concession charges request letter should be on original institute/ university letter head <u>signed and stamped by HOD</u> with proper office dispatch number. Service request forms must be filled along with the request letter for each instrument. The letter should be addressed to Director, NIPER, Sector 67, Mohali. <u>No photo copy, scan copy, email copy or pen drive copy of letter head will be accepted.</u></i>	
17	<i>No sample will be analyzed without advance payment.</i>	
18	<i>You may open an account with the institute by sending advance payment vide DD payable in favor of Director, NIPER payable at Chandigarh / Mohali to avoid delay in sample analysis.</i>	
19	<i>The sample name / batch no / required analysis should be clearly mentioned on request letter and requisition form.</i>	
20	<i>Samples submitted in violation of submission procedure will not be entertained.</i>	
21	<i>Email address for communication with CIL will be “cil@niper.ac.in”</i>	
22	<i>Phone numbers for communication will be +91 172 2292019 & +91 172 2292015</i>	
23	<i>Address for sample dispatch</i> <i>Mr. Vikas Grover, Room No 113, A - Block, NIPER, Sector 67, Mohali-160022</i>	<i>Address for correspondence</i> <i>Director NIPER, Sector 67, Mohali- 160062</i>