

**NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH
SECTOR 67, PHASE X, S.A.S. NAGAR - 160 062**

PHONE: 0172- 2214682-87, FAX: 0172-2214692, Web: www.niper.gov.in

CIL INSTRUMENTS

**Sample Analysis Charges and Sample Submission Procedure
2025**

<i>S. No</i>	<i>Instrument Facility</i>	<i>Type of Services</i>	<i>Proposed Rate for industry</i>
01	NMR SPECTROMETER 600 MHz Make: JEOL Model: JNM-ECZ600R	¹ H, ¹³ C, ¹⁵ N, ³¹ P and all other nuclei (With all available solvents)	Rs. 5000 per Spectrum or Rs. 5000 per hour of instrument time whichever is more
		D ₂ O Exchange	Rs. 5000 per Spectrum or Rs. 5000 per hour of instrument time whichever is more
		2-D COSY , HMBC, HMQC including 1D experiments required-	Rs. 6000 per Spectrum or Rs. 6000 per hour of instrument time whichever is more
		NOESY, ROESY, TOXCY 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 up to 1 hour and Rs. 8000 per hour of additional instrument time.
02	HIGH RESOLUTION LCMS/MS Make: AGILENT Model: 6546 LC/Q-TOF	Direct Injection MS	Rs. 12500 per Sample
		LCMS	Rs. 16000 per Sample
		LCMS/MS (MS for one peak)	Rs. 18000 per Sample
		CHN determination (Single Mass)	Included in above

03	2DGC with HEAD SPACE AUTO SAMPLER Make: THERMO Model: Trace GC Ultra	Qualitative Analysis (Method to be Provided)	Rs. 3000 per injection or Rs. 3000 per hour of instrument time whichever is more
		Quantitative Analysis (Method to be Provided)	Rs. 3500 per injection or Rs. 3500 per hour of instrument time whichever is more
		Standard Curve Single Element for Quantitative Analysis (Method to be provided)	Rs. 5000 with 5 point curve
		Standard Curve each additional Element for Quantitative Analysis (Method to be provided)	Rs. 5000 with 5 point curve
04	HPLC Make: SHIMADZU Model: LC-10AT VP Make : AGILENT Model: 1260 Infinity-II	Using C-18, C-8 or Phenyl Columns and UV/RI/ Fluorescence/ PDA detectors Qualitative Analysis (Method to be provided)	Rs. 2000 per Sample or Rs. 2000 per hour of instrument time whichever is more
		Using C-18, C-8 or Phenyl Columns and UV/RI/ Fluorescence/ PDA detectors Quantitative Analysis (Method to be provided)	Rs. 2500 per Sample or Rs. 2500 per hour of instrument time whichever is more
05	FTIR with ATR Make: SHIMADZU Model: Tracer 100	Normal Spectrum (per Spectra)	Rs. 2000 per Sample
06	UV / VIS SPECTROPHOTOMETER Make: SHIMADZU Model: UV-2450	Normal Spectrum Qualitative	Rs. 1500 per Spectrum
		Normal Spectrum	Rs. 1700 per Spectrum

		Quantitative	
07	FLUORESCENCE SPECTROMETER Make: AGILENT Model: CARY-ECLIPSE	Normal Spectrum	Rs. 2000 per Sample.
		Plate Reader	Rs. 6000 per Plate
08	POLARIMETER Wavelength 365, 405, 436, 546, 589 & 633 nm Make: RUDOLPH Model: Autopol-V	Specific Optical Rotation for each wave length	Rs. 2000 per Spectrum
		Optical Rotation for each wave length	Rs. 2000 per Spectrum
		Concentration for each wave length	Rs. 2000 per Spectrum
		Sample Preparation	Included in Rs. 2000.
09	CIRCULAR DICHROISM Make: JASCO Model: J-815	Normal Spectrum Qualitative	Rs. 2000 per Spectrum or Rs. 2000 per hour of instrument time whichever is more
		Normal Spectrum Quantitative	Rs. 2500 per Spectrum or Rs. 2500 per hour of instrument time whichever is more
10	ELEMENTAL ANALYZER Make: THERMO Model: Flash 2000	C, H, N & S.	Rs. 6000 per sample
11	THERMOGRAVIMETRIC ANALYZER (TGA) Make: PERKIN ELMER Model: TGA 8000	Normal Spectrum	Rs. 4000 per Spectrum or Rs. 4000 per hour of instrument time whichever is more
12	DIFFERENTIAL SCANNING CALORIMETER (DSC) Make: T. A. WATERS Model: DSC 25	Normal Spectrum	Rs. 3000 per Sample or Rs. 3000 per hour of instrument time whichever is more
13	FREEZE DRYER (Lyophilizer) Make: Heto Model: FD-1-110	RBG Bottle 500 ml / 1000 ml	Rs. 2000 per sample up to 100ml / 24 hr.

14	FREEZE DRYER (Lyophilizer) Make: ALLIED FORCE Model: Shelf Freeze Dryer (PLS)	RBG Bottle 500 ml / 1000 ml		Rs. 2000 per sample up to 100ml / 24 hr.
		Tray (1 Nos)		Rs. 3000 per hr of instrument time
		Tray (2 Nos)		Rs. 4000 per hr of instrument time
15	FREEZE DRYER (Lyophilizer) Make: LABCONCO Model: Free Zone	Tray (1 Nos)		Rs. 3000 per hr of instrument time
		Tray (2 Nos)		Rs. 4000 per hr of instrument time
16	ULTRA CENTRIFUGE FLOOR MODEL (Refrigerated) Make: BECKMAN COULTER Model: OPTIMA XPN -100	Fixed Angle Rotor		Rs 2000 per hour of instrument time
		08 Nos	30 ml	
		08 Nos	06 ml	
		08 Nos	02 ml	
17	ULTRA CENTRIFUGE BENCH TOP (Refrigerated) Make: BECKMAN COULTER Model: OPTIMA MAX XP	Fixed Angle Rotor		Rs 2000 per hour of instrument time
		06 Nos	30 ml	
		08 Nos	13.5 ml	
		Swing Bucket		
		04 Nos	05 ml	
18	LARGE VOLUME REFREGERATED CENTRIFUGE BENCH TOP (Refrigerated) Make: BECKMAN COULTER Model: AVANTI JXN -26	Fixed Angle Rotor		Rs 1000 per hour of instrument time
		08 No	50 ml	
		24 No	15 ml	
19	POWDER XRD Make: RIGAKU Model: SMART LAB SE	Powder XRD		Rs. 4000 per Spectrum or Rs. 4000 per hour of instrument time whichever is more
20	SEMI PREPARATIVE HPLC Make: SHIMADZU Model: LC-8A	Method and Solvents to be provided by user		Rs. 5000 per hour of instrument time
21	PREPARATIVE HPLC Make:SHIMADZU Model: LC-8A	Method and Solvents to be provided by user		Rs. 6000 per hour of instrument time

22	FLUORESCENCE ACTIVATED CELL SORTING (FACS) Make: BECKMAN COULTER Model: CYTOFLEX SRT		Rs. 5000 per hour of instrument time
23	ISOTHERMAL TITRATION CALORIMETRY (ITC) Make: MALVERN Model: PEAQ ITC		Rs. 5000 per hour of instrument time
24	SURFACE PLASMON RESONANCE (SPR) Make: CYTIVA Model: BIOCORE BC X 100		Rs. 5000 per hour of instrument time Chip to be provided by the user Consumables to be provided by the user
25	MICROSCALE THERMOPHORESIS (MST) Make: NANOTEMPER Model: MONOLITH.115		Rs. 6000 per hour of instrument time
26	ATOMIC FORCE MICROSCOPE (AFM) Make : NANOSURF Model: DRIVE AFM		Rs. 500 0 per sample imaging. (Up to 3 images per sample Rs 1000 each for additional image) User has to furnish information such as nature of sample, mode of analysis , type of cantilever to be used etc.,
27	FIELD EMISSION SCANNING ELECTRON MICROSCOPE Make: HITACHI Model : SU8600	Per sample imaging	Rs 5000
		Per sample imaging (Using cooling stage)	Rs 7500
		Emmental analysis by EDS per sample	Rs 5000
		CPD per sample	Rs 1000
28	DISSOLUTION INSTRUMENT WITH NANO DIS		Rs 4000 per Sample, up to 24 hrs, Method and Media to be provided by user.

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 infrastructure/chemicals at CIL. 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 CIL, NIPER will first cater to its own students and faculty.</i>	
15	<i>The payments can be deposited vide DD 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- 160062</i>	<i>Address for correspondence</i> <i>Director NIPER, Sector 67, Mohali- 160062</i>

