

## IPC Instruments Sample Analysis Charges

S.No.	Facility	Requirement on test Samples	Charges in Indian Rupees (GST will be extra)	
			Industry	Govt.Institution /Academic
1	500 MHz NMR spectrometer	2-4 mg for $^1\text{H}$ NMR and 30-40 mg for $^{13}\text{C}$ NMR experiment. (1D Normal Spectrum) Solubility and nature of compound, eg. carcinogenic,toxic,explosive, hygroscopic etc.,Structural formula (contemplated / known) to be mentioned. RADIOACTIVE MATERIAL should not be submitted. Required amount of sample must be soluble in 0.6 ml of deuterated solvent.	For $^1\text{H}$ and $\text{D}_2\text{O}$ exchange 3500/- per sample For $^{13}\text{C}$ 5000/- per sample;	For $^1\text{H}$ 1000/- per sample For $^{13}\text{C}$ 2500/- per sample for first two hrs;
2	FT IR Spectrometer	5-10 mg KBr/KCl/liquid paraffin / $\text{CHCl}_3$	500/- per samples	200/- per samples
3	Elemental Analyzers	10 mg	600/- per Element per sample (CHNS) Fluorine containing samples are not accepted	200/- per Element per sample (CHNS) Fluorine containing samples are not accepted
4	L C-MS/MS	30-40 mg LCMS and LC-MS/MS are possible only in methanol, acetonitrile or water.	2500/- per sample MS -through Direct injection	1000/- Direct injection
			4000/- per MS/MS-sample through Direct injection	2000/- per sample through Direct injection
			5000/- for LCMS (method to be provided)	2500/- for LCMS (method to be provided)
5	TGA	1-5 mg (only solid samples)	3000/ per sample	1500/ per sample
6	DSC	1-5 mg (only solid samples)	3000/ per sample	1500/ per sample
7	ICP-MS	Total dissolved Solid in the solution should not exceed preferably 500 ppm. 10 ml of solution is sufficient for estimation of about 10 to 15 elements		
		Specification and method to be provided (per element/per sample)	5000 (upto four elements)	2000 (upto four elements)
		Subsequent Element (per Element/per sample)	1000	500