

**SPECIALIZED INSTRUMENTS AND SERVICES AVAILABLE AND CHARGES FOR THE SAME +
SERVICE CHARGES AS PER GOVERNMENT RULES**

S.N	Name of the Instruments	Type of service provided	Charges for Govt./private institutes	Charges for Industry
1.	Production			
	Fermentor (14)*	Run time + 1/2days	Rs. 6,000 per day	Rs. 12,000 per day
	Fermentor 120*	Run time + 2 days	Rs. 10,000 per day (--do--)	Rs. 20,000 per day (--do--)
* Rs. 1000/- per day for manpower support				
2.	Upstream & Downstream processing			
	Filtration (MF, UF, NF)	Lab scale	Rs. 800.00 per hour	Rs. 1,600.00 per hour
	Nanofiltration	Pilot scale	Rs. 1200.00 per hour	Rs. 2,400.00 per hour
	Filtration (MF, UF)	Pilot scale	Rs. 1000.00 per hour	Rs. 2,000.00 per hour
3.	Analysis			
	<ul style="list-style-type: none"> • HPLC(PDA/RID)Analysis(Make: Agilent/Waters;Model:1260/ UPLC-H • LC-MS(Make:Agilent;Model:6120;ESI mode), (method to be provided) • Direct Injection Mass (method to be provided) 	Qualitative Analysis	Rs. 2500.00 per sample * Rs. 5000.00 per sample * Rs. 2500.00 per sample * * Or per hour (whichever is less)	Rs. 5,000.00 per sample * Rs. 10,000.00 per sample * Rs. 5,000.00 per sample * * Or per hour (whichever is less)

	<ul style="list-style-type: none"> • GC-MS(EI Source) (Make: Thermo Scientific; Model :Trace ISQ LT) • GC-FID Analysis (Make: Thermo Scientific) (method to be provided) • Library Search 	Qualitative Analysis	Rs.2600.00 per sample* Rs 2600 per sample* Rs 250/peak * Or per hour (whichever is less)	Rs. 5,200.00 per sample* Rs. 5,200.00 per sample* Rs 500 per peak * Or per hour (whichever is less)
	FT-IR with ATR analysis (Make : Agilent; Model: Cary 660 series)	Qualitative Analysis	Rs. 1,150.00 Per sample	Rs. 2,300.00 Per sample
	Polarimeter (SOR for each wavelength) Wavelength: 365, 405, 436, 546, 589 & 633 nm Make: Anton Paar; Model: MCP 200	Qualitative Analysis	Rs. 1,100.00 per sample	Rs.2,200.00 per sample
	Rheometer Make: TA Instruments (method to be provided)	Qualitative Analysis	Rs 1000 per sample (for each parameter)	Rs 2000 per sample
6.	Lyophilizer for lab scale	RB flask 250ml / 500 ml	Rs. 1,200.00 per hour	Rs. 2,400.00 per hour
8.	Flash Chromatography	Extraction of one sample	Rs. 3000.00 per hour	Rs. 6,000.00 per hour
9.	Parr Reactor	Analysis of one sample	Rs. 2,500.00 per hour	Rs. 5,000.00 per hour
10.	Scanning Electron Microscope (Make: JEOL)	Analysis of one sample	Rs. 2,500.00 per hour	Rs. 5,000.00 per hour
11.	Supermass colloidier	One sample	Rs. 850.00 per hour	Rs. 1,700.00 per hour
12.	Rancimat (Shelf life study of oils/fats/lipids)	Analysis of one sample	Rs. 2,500.00 per hour	Rs. 5,000.00 per hour
13.	Hydro-distillation	One sample (0.5 kg to 1.0 kg)	Rs. 2,400.00 per sample	Rs. 4,800.00 per sample

General Rules and Instructions for submitting the samples

1	<i>The charge will be 30 % more if analyses are to be performed on priority basis (results can be delivered through e-mail).</i>
2	<i>The charges will be 20 % more if results are to be delivered by e-mail.</i>
3	<i>Please add postage charges of Rs 100 if the results are to be delivered by courier.</i>
4	<i>No sample will be analyzed without advance payment.</i>
5	<i>It is suggested to provide the samples for each instrument separately to decrease the analysis time.</i>
6	<i>The sample name / batch no / required analysis should be clearly mentioned on the sample / requisition form.</i>
7	<i>GST will be charged extra</i>