



BIOCYTE INSTITUTE OF RESEARCH AND DEVELOPMENT, SANGLI

Flat No.11, Shriram Residency, Near bypass road, Kalanagar, Sangli 416 416

**ANALYTICAL SERVICES**

**CHARGES FOR INSTITUTION / COLLEGE / STUDENTS (Effective from 1<sup>st</sup>Jan.2025 to 1 Jan2026)**

Sr. No.	Analytical technique	Charges per sample(in Rs.)	Quantity of Sample	Tentative Duration required(in Working Days)
1	UV-Vis Spectroscopy*	300	20 mg	10
2	FTIR (Fourier Transform Infra-Red Spectroscopy)	300.00	100 mg or 0.5 ml	10
3	Particle Size (Nano size)*	800.00	100 mg or 2 ml	10
4	Particle Size (Micron size)*	1200.00	100 mg or 2 ml	8
5	Zeta Potential*	800.00	2 ml	10
6	HPLC* a) Purity Analysis per dose b) Assay of tablet or capsule c) Method development and validation for dissolution assay of dosage form	500.00 500.00 Based on project	--	20
7	Dissolution study*	1200.00	--	30
8	Disintegration study*	300.00	--	30
9	Flame Photometry (NA and K) + (F)*	200.00	-	30
10	Karl Fischer titration*	300.00	--	30
11	Mechanical stirrer (Per hr)*	100.00	--	30
12	Viscosity*	200.00	50ml	30
13	Polarimetry*	200.00	--	30
14	Refractometer*	100.00	1 ml	30
15	Photoflurometry*	200.00	5 ml	30
16	XRF (X-ray fluorescence Spectrometry)@	3000	1 g	30
17	XPS (X-ray photoelectron Spectroscopy)@	5000	20 mg	30
18	CHNS (Elemental Analysis)@	5000	5 g or 5 ml	30
19	ICP OES (Elemental Analysis – Heavy Metals)@	Depend on Elements	1 g or 2 ml	30
20	AAS (Atomic Absorption Spectroscopy)@ and %	1500 (per element)	1 g	30
21	GC (Purity by general method)%	1500	50 mg or 1 ml	30
22	GC (Purity with standard)%	2500	50 mg or 1 ml	30
23	GC Head Space – Solvent	3500	50 mg or 1 ml	30
24	BET Surface Area§	3000 (Single Point) 3000 (Single Point)	0.5	30
25	GCMS (Gas chromatography–mass spectrometry) #	4500	50 mg	30
26	DSC (Differential Scanning Calorimetry)****	1800	20 mg or 0.5 ml	30
27	Flash chromatography	3000.00	--	30
28	NMR (Nuclear Magnetic Resonance) (Solvent: Methanol, CDCl <sub>3</sub> , DMSO, D <sub>2</sub> O)**	1500 (H1 NMR) 1700 (C13 NMR) 2000 (P31 NMR)	20 mg	10
29	MS (Mass Spectrometry)**	1500	15 mg	30

30				30
31	AFM (Atomic Force Microscopy)*****	3500	Thin film 1x1 cm	30
32	TEM (Transmission Electron Microscopy)*****	3500	30 mg or 0.5 ml	30
33	GPC (Gel Permeation Chromatography)*****	5000 (Aqueous) 6000 (Solvent)	1 gm	30
34	LCMS (Liquid chromatography–mass spectrometry)***	3500	50 mg	30
35	SEM EDX / FE SEM EDX (Elemental Analysis)***	1700	30 mg or 0.5 ml	30
36	FE SEM (For Nano Size)***	2500	30 mg or 0.5 ml	30
37	XRD (X Ray Diffraction) – Powder***	1200	0.5 g	30
38	SEM (For Micron Size)***	1500	30 mg or 0.5 ml	30
39	HPTLC	2500	10 mg	30
40	Water analysis	500	1 lit	30
41	Lyophilizer	1000	--	30
42	High speed homogenizer	300	--	30
<b>BIOCYTE LAB SERVICES</b>				
1	Loss on Drying or Water content +	500	2 g	10
2	UV cabinet+	100/-	--	10
3	Conductivity meter+	100/-	50ml	05
4			50 ml	05
5	Colorimetry+	50.00	5 ml	05
6	Elisa reader	300.00	1 ml	05
7	Cooling centrifuge (max 15 min)	200.00	2 ml	05
8	Auto analyzer	100.00	1 ml	05
9	Magnetic stirrer with hot plate (max. 30 min)	100.00	--	05
10	Turbidimeter	100.00	50 ml	05
11	Histo Slide images (5 images)	100.00	--	10
12	Docking study (Per test structure)	700.00	--	15
13	Plagiarism checking report by Turnitin (Article)	100.00	--	5
14	Plagiarism checking report by Turnitin (Thesis)	200.00	--	10
15	Franz diffusion cell	1000	--	05

### Instructions to be followed before sending samples:-

1. Samples to be sent by courier/post only along with University/Institution/College authorization letter mentioning sample name and other details. Note it is mandatory requirement otherwise it will be treated as commercial sample.
2. Kindly do not come in person to submit the sample.
3. Kindly send samples with clear labeling & packing. Separate samples should be sent for different analysis. e.g. If sample 'X' is to be analyzed for DSC & XRD then it should be packed separately with clearly mentioned on label. Quantity mentioned as per above table.
4. Preferably, packing to be avoided in glass container to overcome transport breakages. Use suitable small plastic bottle or polybag or Eppendorf tubes.
5. Service charges are payable in advance in BiRD Lab Account .Account details will be provided on mail on request. Samples will be analyzed only after receipt of payment.
6. Kindly provide Contact person Name, Phone Number, Email ID and Institute/Firm Name for better clarity in communication.
7. Before & after sending samples please email us and if required do telephonic communication.
8. Cancellation: Cancellation of sample analysis is not allowed. Samples are not returnable.
9. The analytical data/spectra are provided only for research/development purposes. These cannot be used as certificates in legal disputes.

10. Interpretation of spectra is not undertaken normally.
11. Provided tentative timeline for analysis is based working condition of equipment and sample load on equipment.
12. It is also desirable that analysis work done using BiRD Lab facilities should be acknowledged in the publications/theses.

All the communication should be addressed to:

**Biocyte Institute of Research and Development,  
Sangli, Flat No.11, Shiram Residency, Near  
Bypass Road, Kalanagar, Sangli 416 416  
-9595753875**