

## ANALYTICAL SERVICES

We provide multiple analytical services as below

Sr. No.	Analytical technique	Sample Quantity required	Duration (in working days) Tentative*
1.	FTIR (Fourier Transform InfraRed Spectroscopy)	20 mg or 0.5 ml	7
2.	Raman Spectroscopy	50 mg	7
3.	MS (Mass Spectrometry)	15 mg	6
4.	NMR (Nuclear Magnetic Resonance) (Solvent: CDCl <sub>3</sub> , DMSO or D <sub>2</sub> O) (For other solvent – request quotation)	20 mg	6
5.	Zeta Potential	2 ml	8
6.	Particle Size (Nano size)	100 mg or 2 ml	8
7.	Particle Size (Micron size)	1 g	8
8.	DSC (Differential Scanning Calorimetry)	20 mg or 0.5 ml	8
9.	TGA (Thermo Gravimetric Analysis)	20 mg or 0.5 ml	8
10.	XRD (X Ray Diffraction) - Powder	0.5 g	8
11.	XRF (X-ray fluorescence Spectrometry)	1 g	8
12.	SEM (Scanning Electron Microscopy) (Micron size)	30 mg or 0.5 ml	8 to 25 (Equipment load-dependent timing)
13.	SEM EDX (Elemental Analysis)	30 mg or 0.5 ml	
14.	FESEM (Field Emission SEM) (Nano size)	30 mg or 0.5 ml	
15.	FESEM EDX (Elemental Analysis)	30 mg or 0.5 ml	
16.	TEM (Transmission Electron Microscopy)	30 mg or 0.5 ml	
17.	AFM (Atomic Force Microscopy)	Thin film 1x1 cm	15
18.	GCMS (Gas chromatography–mass spectrometry)	50 mg	8
19.	LCMS (Liquid chromatography–mass spectrometry)	50 mg	8
20.	CHNS (Elemental Analysis)	5 g or 5 ml	8
21.	BET Surface Area	0.5 g	8
22.	GPC (Gel Permeation Chromatography)	1 g	8
23.	XPS (X-ray photoelectron Spectroscopy)	20 mg	20
24.	UV-Vis Spectroscopy	20 mg	10
25.	AAS (Atomic Absorption Spectroscopy)	1 g	8
26.	ICP OES (Elemental Analysis – Heavy Metals)	1 g or 2 ml	8
27.	GC (Gas Chromatography)	Depending on study	
28.	HPLC (High-Performance Liquid Chromatography)		
29.	HPLC Validation (Assay, Related sub, Method)		
30.	Dissolution study		
31.	Chemical Testing		
32.	Micro testing, Water Study (COD/BOD)		

FOR CHARGES ENQUIRY E-mail us at [diyalabs@gmail.com](mailto:diyalabs@gmail.com)

All the communication should be addressed to:

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