



Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-43, BHARAT RATNA

PROF.C.N.R RAO RESEARCH CENTRE

REQUISITION FOR CONSULTANCY/SAMPLE ANALYSIS

Name & Designation/Class :
 Department :
 Institution and Address :
 Email id : Mobile Number:
 User Category : Industry/Lab/UG/PG/Project Work/Ph.D/Faculty/Others

SAMPLE INFORMATION

Number of Samples : Sample Code :
 Nature of Sample : Solid/Liquid/Metal plate/Glass plate/Polymer film/Textile/Others
 Receipt no/Transaction no : Sample discard after analysis: Yes/No

List of Equipment for Sample Analysis

S.No	PARTICULARS	No.of Samples	SAMPLE INFORMATION (Kindly enter the details/tick whether if applicable)
1.	FE-SEM & Elemental analysis (with mapping of elements)		Payment to be made for only after email confirmation of slot Magnification: Micro / Nano, No.of Images:
	Expected elements required		
2.	XRD (Powder sample only) If liquid coat on glass substrate		Payment to be made for only after email confirmation of slot
3.	Body Composition Analyzer		
4.	Electrochemical Workstation (Linear Polarisation, Impedance, Cyclic Voltammetry etc..)		Payment to be made for only after email confirmation of slot
5.	Spectrophotometer with Colorlab		Sample Nature: Fabric/Films (min size:2*2)
6.	Texture Analyzer		Sample Nature: Solid only
7.	Ball Mill (min:25g; max:1.2Kg)		
8.	Turbidity Meter(min 25ml)		
9.	Atomic absorption Spectrophotometer		Payment to be made for only after email confirmation of slot
10.	Nano Spray Dryer (200ml)		Sample Nature: Aqueous only
11.	Plasma coater		
12.	Ozone purifier		
13.	Thermo Gravimetric Analyser (TGA)(Powder sample only)		Payment to be made for only after email confirmation of slot
14.	Digital Travelling Microscope		
15.	Ellipsometry		Substrate Refractive index:
16.	Dip coater		
17.	Biospec Nano Spectrophotometer (UV absorbance/simple Nucleic acid &Protein quantitation)		Solubility: Ethanol/Methanol/Aqueous Sample Qty -100µl
18.	FTIR		
19.	3D Optical Profilometer		
20.	Contact Angle meter		
21.	Ultrasonic Homogenizer		Sample Nature: Aqueous only
22.	Brine Shrimp Assay		Solubility: Ethanol/Methanol/Aqueous
23.	Phytochemical Screening (50ml or plant extract min 2g)		Solubility: Ethanol/Methanol/Aqueous
24.	Anti-oxidant Assay (10 ml)		Solubility: Ethanol/Methanol/Aqueous
25.	Design of Experiments (IF data is above 1000 charges vary)		

Date :
Place:

Signature of Student

Signature of Guide/HOD with Seal

Online Payment details: The Registrar, SB A/C:6059667020(R&C), INDIAN BANK,
ADUC BRANCH, IFSC: IDIB000A005

Note: *** Kindly acknowledge the facility utilized in publications and intimate to us
If samples are not be discarded please collect in person

ANALYSIS OUTSOURCING CHARGES*

S.NO	PARTICULARS	CHARGES PER SAMPLE (RS)		
		Inside Institution	Other Institution	Industries/ R&D'S
1.	FESEM** with EDS** (4 images only) Additional images up to	700	700	3000
2.	XRD (Slowscan- Rs.500/Sample)	400	400	1000
3.	Body Composition Analyzer	100	100	500
4.	Electrochemical Workstation* (per sample/per study)	500	500	1000
5.	Spectrophotometer with Colorlab	50	50	200
6.	Texture Analyzer	100	100	1000
7.	Ball Mill* (per hour/per sample)	50	50	200
8.	Turbidity meter	50	50	100
9.	Atomic Absorption Spectrometer/sample	100	200	400
10.	NanoSpray dryer 1 day	500	1000	3000
	2 days	600	1250	4000
	3 days	700	1500	5000
11.	Plasma Chamber*(per hour/per sample)	100	100	1000
12.	Ozone Purifier	50	50	100
13.	Thermo Gravimetric Analyser Heat rate: 20 °C & above	250	500	2000
	Heat rate: 15 °C	350	600	2500
	Heat rate: 10 °C	450	700	3000
	Heat rate 5 °C	550	800	3500
14.	Digital/USB travelling microscope	50	100	200
15.	Ellipsometry	100	100	400
16.	FT-IR	50	100	250
17.	Dip coater* (Per hour/per sample)	50	100	200
18.	3D Optical Profiler	100	200	4000
19.	Biospec Nano Spectrophotometer (Sample Qty- 100µl)	50	100	200
20.	Contact angle meter	150	250	500
21.	Ultrasonic homogenizer* (per hour/per sample)	50	50	100
22.	Phytochemical Screening (17 metabolites)	300	300	500
23.	Anti-Oxidant Assay (AA Standard)	350	350	500
24.	Brine Shrimp Assay*	500	1000	2000
25.	Design of Experiments* (IF data is above 1000 charges vary)	250	250	400

*Depending on operation time of equipment

Note:

Atomic absorption Spectrometer equipment is under maintenance. We will intimate once it is ready

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