

Pricing Structure for Analytical Services

W.E.F. 01st January 2020

	Equipment/Test	Per Sample/Per hour/ Per Run	Approved Industry Prices _ W.E.F.01st January 2020
1	XRF (X-ray fluorescence)		
	Without Mapping	Per Sample	7,800
	With Mapping	Per Sample	8,600
2	FTIR (Fourier Transform Infra Red)		
	FTIR only	Per Sample	5,000
	FTIR with Hot Stage	Per Sample	12,600
	FTIR with Microscopy	Per Sample	10,800
3	SEM (Scanning Electron Microscope)		
	Imaging Only	Per Sample	13,400
	Imaging + EDX Analysis	Per Sample	19,200
4	AFM (Atomic Force Microscope)	Per Sample	13,000
5	CHNS		
	CHNS	Per Sample	21,400
	CHN	Per Sample	11,400
6	Spectrophotometer (UV-VIS)		
	Uv Only (liquid)	Per Sample	3,400
	Uv with External Attachment (Solid)	Per Sample	4,600
7	TGA (Thermal Gravimetric Analyzer)		
	TGA _ (Up to 800 °C @ 5° C per minute)	Per Sample	7,400
	TGA _ (Up to 800 °C @ 10° C per minute/above)	Per Sample	6,400
	TGA _ (Up to 1000 °C @ 5° C per minute)	Per Sample	7,800
	TGA _ (Up to 1000 °C @ 10° C per minute/above)	Per Sample	6,600
	TGA _ (Up to 1450 °C @ 20° C per minute)	Per Sample	8,600

	Equipment/Test	Per Sample/Per hour/ Per Run	Approved Industry Prices _ W.E.F.01st January 2020
8	NMR (Proton/Carbon (C)/Proton+C), (Cost= Solvent cost + cost for no of hours)		
	<u>(a) Cost of Solvent</u>		
	(i) Solvent-DMSO	Per Sample	5,400
	(ii)Solvent-D2O	Per Sample	2,400
	(iii)Solvent-CDCl3	Per Sample	2,600
	(iv)Solvent-CD3OH	Per Sample	5,000
	(v)Solvent-Dichloromethane-d2	Per Sample	10,000
	(vi)Solvent-Acetone-d6	Per Sample	1,800
	<u>(b) Running Cost</u>		
	(i) Proton NMR (Without Solvent)	Per Sample	3,800
(ii)Other tests (Without Solvnet Cost)_ Maximum 1hour	Per Sample	11,600	
	NMR Solid		
	(a) Cost for 1st hour analysis	Per Sample	44,000
(b) Cost for each additional hour	Per Sample	7,400	
9	ICPMS_Without Digestion		
	Total cost for 02 sample (Minimum 02 sample)		18,400
	Price per sample (03 to 05 sample)		8,000
	Price per sample (06 & above sample)		4,200
10	GCMS		
	GCMS	Per Sample	10,600
	GC	Per Sample	9,600
11	LCMS		
	LCMS	Per Sample	9,600
	HPLC	Per Sample	8,000
	Direct Injection	Per Sample	7,200
12	PSA_Fritsch (Micro Range)	Per Sample	4,400

	Equipment/Test	Per Sample/Per hour/ Per Run	Approved Industry Prices _ W.E.F.01st January 2020
13	PSA_Malvern (Nano Meter Range) ZETA_Folded capillary cell ZETA_Polystyrene quettes PARTICAL SIZE	Per Sample Per Sample Per Sample	10,200 7,000 7,000
14	Raman Microscope Spectrometer Raman Only Raman with Temperature Profiling_Above 0 Raman with Temperature Profiling_Less than 0 Raman Mapping	Per Sample Per Sample Per Sample Per Sample	6,400 9,800 9,800 7,600
15	PV Power Analyzer PV Power Analyzer _Film PV Power Analyzer-Solid PV Power Analyzer-Powder PV Power Analyzer-Liquid	Per Sample Per Sample Per Sample Per Sample	2,000 3,000 3,600 3,600
16	Densometer	Per Sample	1,800
17	DSC DSC _ (-60 °C to 350 °C @ 5° per minute) DSC _ (-60 °C to 350 °C @ 10° per minute) DSC _ (Room Temperature 30 °C to 350 °C @ 5° per minute) DSC _ (Room Temperature 30 °C to 350 °C @ 10° per minute) DSC _ (ISO Thermal -1 hour) Note:- cost of other heating rates will be based on the required time	Per Sample Per Sample Per Sample Per Sample Per Sample	13,600 10,600 12,400 10,600 9,800
18	XRD	Per Sample	8,400
19	TEM TEM Only TEM + EDX TEM + EFTEM TEM+ EELS	Per Sample Per Sample Per Sample Per Sample	18,200 31,600 33,200 45,200
20	Internal Mixture	Per Sample	8,000

Pricing Structure for Analytical Services

W.E.F. 01st January 2020

	Equipment/Test	Per Sample/Per hour/ Per Run	Approved Industry Prices _ W.E.F.01st January 2020
21	Rheometer	Per Sample	3,200
22	Hardness Meter	Per Sample	3,200
23	Tensiometer(Tensile testing machine)	Per Sample	6,200
24	BET BET -Surface Analysis only BET - Surface+Pore Analysis	Per Sample Per Sample	12,200 17,600
25	Spectro Fluorometer	Per Sample	6,200
26	Impedance Spectroscopy - Auto lab Per Sample- Maximum 2 hour runing time Every Additional Hour	PerHour PerHour	6,000 1,200
27	DMA (Dynamic Mechanical Analyzer)	Per Sample	8,800
28	Optical Microscopes	Per Sample	2,600
29	Kjeldhal	Per Sample	8,800
30	Microwave Digester Note :- Sample grinding will cost separately	Per Sample	6,200
31	Viscometer	Per Sample	3,400

Pricing Structure for Analytical Services

W.E.F. 01st January 2020

	Equipment/Test	Per Sample/Per hour/ Per Run	Approved Industry Prices _ W.E.F.01st January 2020
32	HPLC- (LE/LAB/HPLC/0330)_QC LAB Direct Sample analysis	Per Sample	8,600
	Sample analysis with method development First 2 hours per sample	Per Sample	16,000
	Every additional hour per sample	Per hour &	4,200
33	Particle Size Analyzer-LE/LAB/PSAN/0287 PSA Dry	Per Sample	6,200
	PSA Wet	Per Sample	7,800
34	Refractometer-LE/LAB/RFTR/0320	Per Sample	2,200
35	Polari meter/Sacarymeter	Per Sample	3,400
36	XPS	Per Sample	26,600
37	Freeze Dryer - LE/LB/FRDR/0222 Per Sample (Max 200ml) - Maximum 6 hour runing time	Per Sample	7,800
	Every Additional hour after 1st 6hours	Per hour	1,000
38	HPLC-Preparative-LE/LAB/HPLC/0319 Basic Analysis	Per Sample	8,800
	Method Development -1st Run	Per Run	11,600
	Method Development -Every Additional run	Per Run	5,600
	Separation_Semi-preparative column_1st Run	Per Run	6,600
	Separation_Semi-preparative column_Every Additional Run	Per Run	4,000
	Separation_Preparative column_1st Run	Per Run	7,400
Separation_Preparative column_Every Additional Run	Per Run	4,400	
39	Vanadomolybdate_UV Based Basic Analysis (maximum 40 samples)	Per Sample	6,000
	Sample testing	Per Sample	3,200
40	Contact Angle Measurement System	Per Sample	4,000