

DST SAIF COCHIN-REVISED ANALYSIS CHARGES WITH EFFECT FROM 01 APRIL 2022

Analysis Charge per sample inclusive of consumable cost, sample preparation charges

Facility	Rate GST Extra @18%	Educational Institutions (Category III)	Cochin University (Category IV)	Govt R&D Labs & MSMEs (Category II)	Industries (Category I)
Electron Microscopy					
HR-TEM (max.15 images)	6750	1950	1755	4350	6750
HRTEM with SAED (max.15images+2 SAED)	7000	2200	1980	4600	7000
HRTEM with SAED (max.15images+ SAED with single tilt)	7250	2450	2205	4850	7250
Ultramicrotomy	2000	2000	2000	2000	2000
SEM	3000	600	540	1800	3000
EDAX	3000	600	540	1800	3000
SEM-EDAX	4000	800	720	2400	4000
EDAX Area Mapping	3000	600	540	1800	3000
X-Ray Diffraction					
Powder Diffraction (PXRD) normal pattern	2200	440	396	1320	2200
Powder Diffraction Slow scan(PXRD)	3000	600	540	1800	3000
Single Crystal Diffraction structure &CIF	16000	3200	2880	9600	16000
Unit Cell Determination	600	600	600	600	600
Gracing Incidence/Transmission XRD	5000	1000	900	3000	5000
PXRD -Crystallinity Indexing	500	500	500	500	500
PDF Matching -Semiquantitative	100	100	100	100	100
PXRD -Phase quantification/Rietveld analysis including data collection	5000	2500	2250	4500	5000
PXRD- Rietveld Analysis	1500	1500	1500	1500	1500
PXRD -Temperature XRD-High	3000	600	540	1800	3000
PXRD- Temperature XRD-Low	3000	600	540	1800	3000
PXRD- Indexing including data collection	5000	2500	2250	4500	5000
Elemental Analysis					
ICPMS-initial element	2600	600	540	1600	2600
ICPMS-subsequent element	600	120	108	360	600
Acid digestion	300	300	300	300	300
Microwave Digestion	1000	1000	1000	1000	1000
ICP MS Qualitative analysis	1000	1000	1000	1000	1000
Ion Chromatograph- speciation per specie	5000	1000	900	3000	5000
Ion Chromatograph per ion	300	300	300	300	300
CHNS	3000	600	540	1800	3000
Thermal Analysis (ramp@10 Deg/min)					
TGA/DTA up to 750 Deg C	5000	1000	900	3000	5000
TGA/DTA up to 1500 Deg C	7500	1500	1350	4500	7500
DSC RT- 250 deg C	3550	710	639	2130	3550

DSC RT- 250 deg C Heating and Cooling (contact lab)	4050	810	729	2430	4050
DSC -60- 400 deg C	4050	810	729	2430	4050
DSC -60- 400 deg C Heating and Cooling (contact lab)	5050	1010	909	3030	5050
DSC -100-25 deg C	5200	1040	936	3120	5200
DSC-100-25 deg C Heating and Cooling(contact lab)	6200	1240	1116	3720	6200
Specific Heat	10550	2110	1899	6330	10550
Tg (Glass Transition) Using Modulated DSC	5050	1010	909	3030	5050
Kinetic studies/Crystallinity (contact lab)					
Spectroscopy					
FTIR spectrometer Mid IR	1600	320	288	960	1600
FTIR spectrometer -Far IR/Gas Analysis	2000	400	360	1200	2000
UV-Vis Spectrophotometer	1600	320	288	960	1600
NMR Spectroscopy					
Proton NMR (CDCl3)	2050	410	369	1230	2050
Proton NMR (DMSO)	2150	430	387	1290	2150
Proton NMR (D2O)	2150	430	387	1290	2150
Proton NMR (Methanol/Acetone)	2500	500	400	1500	2500
C13 and other nuclei (CDDI3) (1H included)	4050	810	729	2430	4050
C13 and other nuclei (DMSO) (1H included)	4150	830	747	2490	4150
C13 and other nuclei (D2O) (1H included)	4150	830	747	2490	4150
C13 and other nuclei Methanol/acetone)	4500	900	810	2700	4500
MALDI-TOF	3000	600	540	1800	3000
De Ionized Water Per 1000 ml	300	300	300	300	300
Ultra-Pure Water Per 1000 ml	800	800	800	800	800
Moisture Analysis Per sample 1000	1000	1000	1000	1000	1000
pH/Conductivity/resistivity Per sample	300	300	300	300	300
Loss on Drying (LoD) Per sample	1000	1000	1000	1000	1000
Loss of Ignition(LoI-TGA Method) Per sample	1500	1500	1500	1500	1500
Centrifuging per hr	500	500	500	500	500
Phosphate/Chloride/nitrate Per sample	300	300	300	300	300