



**WAZED MIAH SCIENCE RESEARCH CENTRE
JAHANGIRNAGAR UNIVERSITY**

Savar, Dhaka-1342, Bangladesh

Tel. (PABX) : (880-2) 7791045-51, Ext. 1693 (Office)

Fax : 880-2-7791052, E-mail: office.wmsrc@juniv.edu

Analytical Charges (Taka)

SL	Experiment type	Rate		
		(a)	(b)	(c)
	Category	Jahangirnagar University	Public University/ Government Institute	Private University/ Private Company/ any other than column a & b
1	AAS Sample Digestion using MW (Additional cost for AAS analysis)	25.00	255.00	315.00
2	AAS Flame method, per element (Cd, Ca, Co, Cu, Fe, Pb, Mg, Mn, Ni, Zn)	80.00	800.00	1200.00
3	AAS Furnace method, per element	100.00	1000.00	1800.00
4	Ashing Furnance/batch	17.00	170.00	215.00
5	CHNS (For each sample)	97.00	975.00	1500.00
6	Ultracentrifuge (-20°C, for each sample)	40.00	400.00	600.00
7	Cholesterol (HPLC rechnique)/sample	250.00	2500.00	3000.00
8	Conductivity Meter	10.00	100.00	150.00
9	DNA Sequencing, per reaction	91.00	910.00	1500.00
10	Fluorescence microscopy (everly 15 min)	30.00	300.00	500.00
11	Fluorescence spectrometer	19.00	195.00	300.00
12	Freeze Dryer	65.00	650.00	900.00
13	Ultra Low Freezing at -80° C per box per Month). Each box contain 81 holes for 2ml cryogenic tubes(-80° C)	80.00	800.00	1000.00
14	FTIR/ATR per sample	24.00	240.00	330.00
15	a. Gas Chromatography (GC) (1 st Sample)	240.00	2400.00	3000.00
	b. Gas Chromatography (GC) (After 1 st Sample)	80.00	800.00	1000.00
16	Gel documentation (10 sample)	19.00	195.00	300.00
17	HPLC (UV detector)	102.00	1020.00	1370.00
18	Microwave Digestion	17.00	175.00	230.00
19	Shaking Incubator (per day)	70.00	700.00	900.00
20	PCR (per run)	45.00	450.00	540.00
21	Rotavapor (organic phase per hour)	30.00	300.00	500.00
22	TOC Analyzer	120.00	1200.00	1800.00
23	Total protein analysis (per sample)	150.00	1500.00	2000.00
24	Trinocular Microscope (per hour)	19.00	195.00	300.00



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25	UV-Visible Spectrophotometer : Spectracord , Germany	16.00	160.00	190.00
26	Vitamins(HPLC) (A,B1, B2, C, B-CARTENE)	175.00	1750.00	2000.00
27	Standard Powder XRD			
	a. Powder X-Ray Diffraction (Regular Scan) (15 min run/sample; for inorganic or highly diffracting crystal)	240.00	2400.00	3000.00
	b. Powder X-Ray Diffraction (Regular Scan) (30 min run/per sample, for organic or low diffracting crystal)	400.00	4000.00	5000.00
28	X-ray Diffraction (Thin film/Spinner)			
	Powder X-Ray Diffraction (Thin film/Spinner) (15 min run/sample)	320.00	3200.00	4000.00
	Powder X-Ray Diffraction (Thin film/Spinner) (30 min run/per sample)	480.00	4800.00	6000.00
29	X-ray Diffraction (Variable Temperature)			
	Powder X-ray Diffraction (Variable Temperature- HT/Hour per sample)	640.00	6400.00	8000.00
	Powder X-ray Diffraction (Variable Temperature- LT/Hour per sample)	800.00	8000.00	10000.00
30	X-ray Diffraction (Capillary)			
	Powder X-ray Diffraction (Capillary) (Every 2 Hrs per sample)	1280.00	12800.00	16000.00
31	Single Crystal X-ray Diffraction (Data collection)			
	Single Crystal X-ray Diffraction (Data collection) (1 st 4 hrs)	2000.00	20000.00	25000.00
	Single Crystal X-ray Diffraction (Data collection) (every hour after 1 st 4 hrs)	400.00	4000.00	5000.00
	Single Crystal X-ray Diffraction Analysis: Phase identification by unit cell measurement (per sample)	400.00	4000.00	5000.00
32	Single Crystal X-ray Diffraction (Structure Solution)			
	Single crystal structure interpretation and report: (Full Structure Solution & CIF Submission as collaborative Work)	320.00	3200.00	4000.00



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	Powder X-ray diffraction phase composition analysis and report (Rietveld refinement as collaborative Work)	200.00	2000.00	2500.00
33	Magnetic Susceptibility Balance (per sample)	40.00	400.00	500.00
34	Cyclic Voltammetry (Per sample/analysis)	80.00	800.00	1000.00
35	BOD Incubator (per day/ sample)	32.00	320.00	400.00
36	COD (per sample)	80.00	800.00	1000.00
37	TOC (per sample)	145.00	1450.00	1800.00
38	DO (per sample)	10.00	100.00	150.00



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Analytical Charges (Taka)

Sample Test fee for NMR Spectrophotometer

		Rate		
		(a)	(b)	(c)
SL	Experiment type	Jahangirnagar University	Public University/ Government Institute	Private University/ Private Company/ any other than column a & b
1	^1H in CDCl_3	100.00	1000.00	2000.00
2	^{13}C in CDCl_3	150.00	1500.00	3000.00
3	Dept135/90/45 in CDCl_3	150.00	1500.00	3000.00
4	^1H & ^{13}C in CDCl_3	250.00	2500.00	5000.00
5	^1H , ^{13}C & dept135 in CDCl_3	350.00	3500.00	7000.00
6	2D (cosy/nosy/roesy) in CDCl_3	200.00	2000.00	4000.00
7	2D (hsqc/hmbc) in CDCl_3	250.00	2500.00	5000.00
8	^1H , ^{13}C , dept135 & cosy in CDCl_3	450.00	4500.00	9000.00
9	^1H , ^{13}C dept135, cosy & hsqc in CDCl_3	600.00	6000.00	12000.00
10	^1H , ^{13}C , dept135, cosy & hmhc in CDCl_3	600.00	6000.00	12000.00
11	^1H , ^{13}C , dept135, cosy, hsqc & hmhc in CDCl_3	700.00	7000.00	14000.00
12	^1H in DMSO/MeOD/ D_2O	200.00	2000.00	4000.00
13	^{13}C in DMSO/MeOD/ D_2O	250.00	2500.00	5000.00
14	Dept135/90/45 in DMSO/MeOD/ D_2O	200.00	2000.00	4000.00
15	^1H & ^{13}C in DMSO/MeOD/ D_2O	350.00	3500.00	7000.00
16	^1H , ^{13}C & dept135 in DMSO/MeOD/ D_2O	450.00	4500.00	9000.00



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17	2d (cosy/nosy/roesy) in DMSO/MeOD/D ₂ O	250.00	2500.00	5000.00
18	2d (hsqc/hmhc) in DMSO/MeOD/D ₂ O	300.00	3000.00	6000.00
19	¹ H, ¹³ C & dept135 & cosy in DMSO/MeOD/D ₂ O	600.00	6000.00	12000.00
20	¹ H, ¹³ C & dept135, cosy & hsqc in DMSO/MeOD/D ₂ O	700.00	7000.00	14000.00
21	¹ H, ¹³ C, dept135, cosy & hmhc in DMSO/MeOD/D ₂ O	700.00	7000.00	14000.00
22	¹ H, ¹³ C & dept135, cosy, hsqc & hmhc in DMSO/MeOD/D ₂ O	800.00	8000.00	16000.00