



**Centre for Advanced Research in Sciences (CARS)  
University of Dhaka, Dhaka-1000**

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**REQUISITION FORM FOR PROVIDING ANALYTICAL SERVICES**

Name of Teacher/Person requesting the service: -----

Department/Institute/Address: -----

DATE OF REQUISITION: -----

KIND OF SERVICE REQUESTED (Tick in appropriate box)

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> AAS Flame              | <input type="checkbox"/> Disintegration     | <input type="checkbox"/> GC                     | <input type="checkbox"/> TGA [Final Temp.: ..... ] |
| <input type="checkbox"/> AAS Digestion using MW | <input type="checkbox"/> Dissolution tester | <input type="checkbox"/> Gel documentation      | <input type="checkbox"/> TOC Analyser              |
| <input type="checkbox"/> AAS Furnace            | <input type="checkbox"/> DNA Sequencing     | <input type="checkbox"/> HPLC                   | <input type="checkbox"/> Total protein             |
| <input type="checkbox"/> Ashing Furnace/Batch   | <input type="checkbox"/> DSC                | <input type="checkbox"/> Ion chromatography     | <input type="checkbox"/> Trinocular microscope     |
| <input type="checkbox"/> Autoclave              | <input type="checkbox"/> Fat Analysis       | <input type="checkbox"/> Laser Lab.             | <input type="checkbox"/> UV Spectrophotometer      |
| <input type="checkbox"/> Centrifuge             | <input type="checkbox"/> Flame photometer   | <input type="checkbox"/> Nano-drop Spectroscopy | <input type="checkbox"/> Vitamin                   |
| <input type="checkbox"/> Cholesterol            | <input type="checkbox"/> Fluorescence       | <input type="checkbox"/> Pathogens              | <input type="checkbox"/> .....                     |
| <input type="checkbox"/> Digestion System       | <input type="checkbox"/> Food Microbiology  | <input type="checkbox"/> PCR                    | <input type="checkbox"/> .....                     |
| <input type="checkbox"/> Digital melting point  | <input type="checkbox"/> FTIR/ATR           | <input type="checkbox"/> Polarimeter            | <input type="checkbox"/> .....                     |

Samples Name, Samples ID & Number of Samples: -----

Name of elements (if applicable): -----

Purpose of the work: -----

Category for Billing Purpose (Tick one)

- Category A: DU Teachers and Students doing MS/M.Phil/PhD under DU.
- Category B: **Foreign/Local funded** projects of DU teachers/researchers.
- Category C: Service to individual/consultant/institution/agency.

***SIGNATURE OF TEACHER/PERSON REQUESTING THE SERVICE*** -----

***REQUIRED FOR CATEGORIES A & B:***

I hereby declare that I do/do not receive any foreign/local funding for my research (strike off as applicable).

Signature of Teacher Requesting the Service -----

***RECOMMENDATION FROM CONCERNED CHAIRMAN/DIRECTOR (with seal)***

I hereby attest the above declaration and recommend that the above analysis be billed under category -----

Name and Signature of Chairman/ Director: -----

Department/Institute: -----

Date: -----

(FOR USE BY THE CENTRE):

REQUISITION BOOK ENTRY SERIAL & DATE

DATE (S) ANALYSES PERFORMED:

TOTAL NUMBER OF SAMPLES DONE:

ANALYSIS LOG BOOK ENTRY SERIAL & DATE:

\_\_\_\_\_  
Principal Scientist /Senior Scientist/Scientist/ Analyst

Billed Amount: ----- Bill Number: ----- Date: -----

\_\_\_\_\_  
Sr. Accounts Officer

### Rate of the Analytical Services of CARS

The following rate of analytical services of CARS

Category A: DU teachers and students doing M. S./M. Phil./Ph. D under DU.

Category B: Local/Foreign funded project samples of DU teachers/researchers.

Category C: Analytical service to private/public organizations, individuals and others.

	Service	Rate		
		Category A	Category B	Category C
1.	14L Benchtop Bioreactor per 24hour	8,000	10,000	14,000
2.	7L Benchtop Bioreactor per 24hour	5,000	7,000	9,000
3.	AAS Sample Digestion using MW (additional cost for AAS analysis)	216	255	315
4.	AAS, Flame method, per element	180	325	675
5.	AAS, Furnace method, per element	504	728	1200
6.	Accelerated Stability Chamber (per month)	2,000	3,000	5,000
7.	Antibacterial assay (per bacteria)	1,500	1,750	2,000
8.	Antifungal assay (per fungus)	1,500	1,750	2,000
9.	Ashing furnace/batch	72	170	215
10.	Autoclave	72	156	195
11.	Centrifugation (10,000 rpm/30 min) (PPR Lab)	300	400	600
12.	Centrifuge (4500 rpm) (-10 to 4°C) ( per 15 min) (GEBL)	120	195	300
13.	Cholesterol (HPLC technique)/sample	2,000	2,500	3,000
14.	Conductivity meter	60	100	150
15.	Digital melting point	120	162	225
16.	Disintegration	200	300	400
17.	Dissolution tester	96	156	240
18.	DNA sequencing, per reaction	720	780	1500
19.	DNA/RNA Extraction (only for instrument use)	460	572	708
20.	DSC Minus temperature to RT	1,500	1,750	2,000
21.	DSC RT to 400 °C	600	910	1500
22.	ELISA reader (Only reading)	240	390	750
23.	Fat Analysis (per sample)	1,000	1,500	2,000
24.	Flame photometer	180	292	450
25.	Fluorescence microscopy (Every 15 min)	200	300	500
26.	Fluorescence Spectrophotometer	120	195	300
27.	Food Microbiology (Coliform, <i>E. coli</i> , APC)	6,000	7,000	8,000
28.	Freeze dryer (PPR Lab)	600	650	900
29.	Friability Tester	100	200	300
30.	FTIR/ATR per sample	120	240	330
31.	Gas Chromatographic Analysis (Charges for every 30 minutes)	360	390	450
32.	Gel documentation (10 samples)	120	195	300
33.	Hardness Tester	100	200	300
34.	HPLC per sample UV detector	750	1020	1370
35.	HPLC: Amino acid analysis by Fluorescence Detector	3030	3490	4225
36.	Hydrolysis disestion	250	350	600
37.	Incubator (per day)	100	200	400
38.	Ion chromatography	1,000	1,200	1,800
39.	Laser Induced Breakdown Spectroscopy, per element	60	130	210
40.	Microwave Digestion With consumables	200	305	380
41.	Microwave Digestion Without consumables	80	175	230
42.	Nano-drop spectroscopy (per batch, 10 samples)	100	150	200
43.	Orbital shaker (per day)	500	700	900
44.	Pathogens detection in food	6,000	7,000	8,000
45.	PCR per run	216	450	540
46.	Polarimeter	200	300	400
47.	Rotavapor (organic phase per hour)	250	300	500
48.	Rotavapor (Aqueous phase/hour)	300	500	600
49.	Tap density Tester	100	200	300
50.	TGA RT to 600°C	480	520	900
51.	TGA RT to 800 °C	720	780	1350
52.	TOC Analyzer	1,000	1,200	1,800
53.	Total protein analysis (per sample)	1,000	1,500	2,000
54.	Trinocular microscope	120	195	300
55.	UV Spectrophotometer/Absorbance at fixed $\lambda$ / Recording absorption spectrum	72	160	190
56.	Viscometer	60	100	150
57.	Vitamin B <sub>6</sub> (Microbial Assay)	10,000	12,000	15,000
58.	Vitamins (HPLC) [A, B <sub>1</sub> , B <sub>2</sub> , C, $\beta$ - carotene ]	1,500	1,750	2,000
59.	Gel Electrophoresis	350	400	500

**Student/Person Name:**

**Telephone/Mobile No:**

**Email:**