



**Trace Element Analysis Facility**  
**Department of Environmental Science**  
**University of Calcutta**

Charges for analysis / sample preparation are as follows:

Sl. No	Instrument	Charges for CU*	Charges for other academic/ research institution**	Charges for commercial organizations/ industries	Remarks
1	ICP-OES (Thermo Fisher iCAP Pro X Duo)	Rs. 300 per sample (3 elements) + 50 for each extra elements (Minimum 5 samples per slot to be analysed)	Rs. 500 per sample (3 elements) + 100 for each extra elements (Minimum 5 samples per slot to be analysed)	Rs. 1000 per sample (3 elements) + 150 for each extra elements (Minimum 5 samples per slot to be analysed)	Available elements Ag, Al, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Na, Ni, Pb, Zn, Be Consumables excluded
2	Microwave Digestion facility (Milestone START D)	Rs. 200 per sample (Minimum 5 samples per slot to be digested)	Rs. 500 per sample (Minimum 5 samples per slot to be digested)	Rs. 800 per sample (Minimum 5 samples per slot to be digested)	Consumables excluded

\*Any Departments from University of Calcutta

\*\*Any academic and research institution other than CU

The bank account details:

**Name of the Account:** ICP OES FACILITY UNIVERSITY OF CALCUTTA

**Account No.:** 43530687589

**IFSC:** SBIN0007766

**UPI ID:** icpoesfacilitycu@sbi

**Address:** University of Calcutta, 87/1, College Street, Kolkata- 700073

**NB:**

1. Samples must be filtered through 0.2  $\mu$  PTFE filter paper just before analysis
2. The acid percentage of the sample should be less than 5%
3. Salinity of the samples should be 0 and checked before analysis
4. Collectively at least 30 samples are needed for one run by using similar standards





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Requisition form for Trace element analysis facility

Name of the User		
Name of the Supervisor		
Name of the Department		
Institution		
Address		
Phone/Mobile No.		
Email Address		
Facility to be used		
<b>Information about the Samples</b>		
Type of Sample	Number of samples	Type of Analysis
Salinity range of the samples	Acid concentration in samples	Any special requirement
Payment Details:		

Signature of the Supervisor / responsible authority of the Institution with seal

**For office use only**

Slot Allotment		
Date	Time	Signature
Received Payment details		

Remarks:

**N.B.**

1. Please bring a blank CD/ DVD for Data Transfer (Thumb drives or Re writable CDs are not allowed).
2. Samples must be filtered through 0.2 $\mu$  PTFE filter paper just before analysis.
3. The acid percentage of the sample should be less than 5 %.
4. Hydrofluoric acid should not be used during any stages of sample preparation.
5. Salinity of the samples should be 0 and checked before analysis