INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

ANALYSIS REQUEST FORM AND SAFETY DATA SHEET-**ICP-AES**

User Type: IITB/ External University/National Lab/R & D/Industries

Name of the user: Email Contact No: Name of the Institute/Organization: Address of Institute / Organization:	Name of Guide/PI: Email Contact No

1. **Sample Code/Name:**
2. **Number of Samples:**

Kindly Tick whichever is applicable for the following

3. Analysis required- Qualitative/Quantitative
4. Details of Analysis required (Expected elements):

5. Expected Concentration:
6. Sample Type: Solid (Powder, Pellet, Bulk)/Liquid/ Dispersion/Emulsion/Colloidal/Gel/

   Gas/Oil/Others (Specify)

   #Minimum Powder/Solid-500mg/ Liquid-5ml
7. **Sample Category:** Biological (Microorganisms/ Fungal/Bacterial/ Protein/blood/Plasma/Serum/ Organs/urine/Stool/Cancerous Cells/Non-Cancerous Cells/Plant Extracts/ Marine extracts)/ Composite Material/ Thin Film / Metal/Polymer/Environmental/Ceramic/ Others (Specify)
8. **Description of sample:**

9. **Sample Preparation:** Required (Microwave/Open Vessel/ Fusion/Others)/Not required

10. **Acids required**($HCl/HNO_3/HF/H_2SO_4/H_3PO_4/HClO_4/H2O_2$) If Prepared kindly mention the sample processing method:

11. **Sample Nature:** Organic/Inorganic/Magnetic/ Non- Magnetic /Any other characteristic nature (Specify)

12. **Volatile organic compound**: Present/ Absent/NA

13. **Specify the Storage and handling conditions: Room** temp/ Refrigeration

14. **Sample Properties**: Carcinogenic (carcinogenicity level ------) /non-Carcinogenic/ Radioactive/Explosive/Toxic/Corrosive/Flammable/ Nonflammable/ Other(specify)

15. **Stability of sample**: Stable under RTP, hygroscopic, sublimes, Reactive in air/moisture/ light/heat

16. **Whether incompatible with any material**- Yes/No (Specify the materials)

17. **Toxicity**: Hazardous/ Non-Hazardous

18. **Health hazards:** Yes/No (irritant to skin/irritant to eyes/harmful to skin/ toxic if inhaled/toxic if ingested)
19. **First aid measures:** Eye/Skin/Inhalation/ Ingestion/Others(specify)

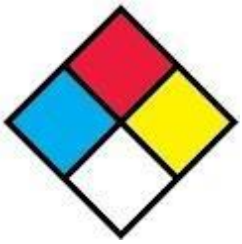
20. **Disposal Method of sample:**

21. **Additional information if any**

22. **All Samples will be discarded within 7 days of analysis. If you wish to collect the samples then you are required to make arrangement for the same. SAIF office will not dispatch the same to users under any circumstances.**

23. **MSDS (should be uploaded if available)**

24. Please fill in appropriate numbers in the NFPA diamond if MSDS is available (*Kindly refer the image at the end of the file for reference):



Declaration

I confirm that the samples submitted for analysis are for research purpose only and the above furnished details are correct and true to the best of my knowledge. I understand that I will be held responsible for any damages arising from incorrect information provided by me against points 14-19.

I agree to acknowledge SAIF/CRNTS, IIT Bombay for providing (Instrument name) analytical facility for my research work, in my publications. I also agree to send the publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc) to office.saif@iitb.ac.in

I declare that the "Content of this report is meant for our information only and we will not use the content of this report for advertisement, evidence, litigation or quote as certificate to third party" I accept that all the issued reports/results (Soft/hard) will not carry any Signature or Seal and Stamp of SAIF/CRNTS IIT Bombay.

Signature of the User	Signature of the In Charge/HOD/PI with College / P.I. / Guide seal / stamp

Date:
Place:

*refer the image below for reference for filling up Point 24: