

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
Sophisticated Analytical Instrument Facility (SAIF)
ANALYSIS REQUEST FORM & SAFETY DATA SHEET
(GCHRMS-Orbitrap)

User Name: _____ **Dept.:** _____
Email & Contact: _____
Guide / PI: _____ **Guide Email & Contact:** _____

Sample & Analysis Details

1. **No. of Samples:** _____
2. **Analysis Required:** ☐ Qualitative ☐ Quantitative ☐ Both
3. **Sample Type:**
☐ Solid ☐ Liquid ☐ Dispersion ☐ Emulsion ☐ Colloidal ☐ Gel ☐ Others: _____
4. **Sample Category:**
☐ Biological (Microorganisms/ Fungal/Bacterial/ Protein/ blood/ Plasma/ Serum/ Organs/ urine/Stool/
Cancerous Cells/Non- Cancerous Cells/Plant Extracts/ Marine extracts)/ ☐ Polymer ☐ Environmental ☐
Others: _____
5. **SAMPLE PREPARATION & HANDLING**
 - a. **What steps have been taken to ensure that samples are free of water:**
 - b. **Analytes of interest & boiling point:**
 - c. **Solvent:**
 - d. **Concentration of analytes (in ppm):**
 - e. **Information on columns and temperature programming preferred for the analytes based on Literature:** _____
 - f. **Preferred Mode of injection:** Liquid / Headspace / SPME
 - g. **Additional information:** (Constraints/Preferences/ etc.):
6. **Sample Nature:** ☐ Organic ☐ Inorganic ☐ Others: _____
7. **Moisture:** ☐ Present ☐ Absent ☐ NA
8. **Stability:**
☐ Stable at RTP ☐ Hygroscopic ☐ Sublimes ☐ Reactive (Air / Moisture / Light / Heat)
9. **Storage Conditions:** ☐ Room Temp ☐ Refrigeration ☐ Others: _____
10. **Sample Properties:**
☐ Carcinogenic (Level: ____) ☐ non-carcinogenic ☐ Radioactive ☐ Explosive ☐ Toxic ☐ Corrosive ☐
Flammable ☐ Non-Flammable ☐ Others: _____
11. **Toxicity:** ☐ Hazardous ☐ Non-Hazardous
12. **Additional information if any:**