

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: