



Sophisticated Analytical Instrumentation Centre (SAIC)

Tezpur University

Napaam, Tezpur-78028, Assam, India

JOB ORDER FORM FOR INSTRUMENTAL ANALYSIS

(ALL INSTRUMENTS EXCEPT SINGLE CRYSTAL XRD)

- | | |
|--------------------------------|---------------------|
| 1. * Name of User: | 2. *Designation: |
| 3. *Department/Centre: | 4. *Phone No: |
| 5. *Address: | 6. *Email: |
| 7. *Transaction No. with date: | 8. *Payment amount: |
- [a. *Signed copy of bank transaction record is to be submitted along with application and
b. *Mention the amount associated with different analysis in the transaction copy]

Job Description

(Please attach separate sheets if space below is insufficient)

1. *Name of the facility to be availed (List):
2. *No. of analyte (facility wise):
3. *Chemical formula, composition of the sample (organic, inorganic, mp/bp etc.):
4. *Whether toxic, corrosive, hygroscopic or radioactive:
5. *Solvent/media to be used (if necessary):
6. *Expected results:
7. Provide reference data, image, and published paper if available:
8. *Collaboration work if any (attached document):
9. *Any other information:

Note: *User must provide the above mandatory information before sample analysis

Signature of User
Date:

Signature of Head of the Department/Supervisor
/Principal Investigator with office seal
Name:
Designation:
Contact Number:

Before submitting sample(s) for analysis, users are requested to go through the SAIC, TU guidelines available at <http://www.tezu.ernet.in/dsaic/saic-new/guideline.php>

SPECIFIC INFORMATION

Empirical Formula :

Proposed Structure :

Spectroscopic Characterization :

Crystallization Solvent Used :

Air/ Moisture/ Light Sensitivity :

Safety Information (e.g. hazard?) :

DATA COLLECTION/ STRUCTURE DETERMINATION

Only Unit Cell Determination (Y/N) :

Unit Cell + Data Collection (Y/N) :

* Crystal Structure Determination (Y/N) :

* Structure Analysis (Y/N) :

Collection Temperature :

CAMBRIDGE STRUCTURE DATABASE (CCDC)

Whether Reported in CSD (Y/N) :

** Only Collect if Cell is not

a =	α =	Space group =
b =	β =	Temperature =
c =	γ =	Volume =
a =	α =	Space group =
b =	β =	Temperature =
c =	γ =	Volume =

Equipment: Bruker Smart Apex – II diffractometer with Mo K_{α} rotating anode generator, and Smart CCD detector

* If YES, send additional request via email/phone

** Add additional page if necessary