



DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY, MADRAS



Charges for data collection in BRUKER X8 Kappa APEX II

X-Ray Diffractometer

XRD data for Single crystals are recorded using Mo K α radiation. The charges for X-ray datacollection are as follows:

S.No	Category	Rate per sample
1.	Students from other departments of IITMadras	Rs.450/- unit cell determination Rs.3000/- data collection at RT and structure determination Rs.3600/- data collection at Liq.N ₂ Temp and structure determination
2.	Students from other educational and research institutions	Rs.750/- unit cell determination Rs.5000/- data collection at RT and structure determination Rs.6000/- data collection at Liq.N ₂ Temp and structure determination
3.	Users from industry	Rs.2500/- unit cell determination Rs.20000/- data collection at RT and structure determination Rs.25000/- data collection at Liq.N ₂ Temp and structure determination

Note: The charges for the analysis can be paid either by using the following UPI Id theregistrar16162@cnrb

OR

2: Online bank transfer to the below mentioned account and the screen shot of the payment should be sent along with the sample.

3. Please call and confirm the working status of the Instrument before sending the sample in the contact number given below.

Bank Account details

Account number	2722101016162
IFSC code	CNRB0002722
Bank name	Canara bank
Branch name	IIT Madras Branch

Contact:

In-Charge, Single crystal XRD Lab,
Department of Chemistry, IIT Madras, Chennai 600 036.
Ph: 044-2257 5244, Email: cyoffice@iitm.ac.in

Job No: _____



Internal users only

DEPARTMENT OF CHEMISTRY, I.I.T Madras
Single Crystal XRD Request Form

Name of the Student : _____ Date: _____

Students Roll no : _____ Tel no: _____

Name of the Guide : _____ Mobile: _____

DATA COLLECTION @ Room Temperature / Liq. N₂

Sample ID / Name :

Formula / Elements present : Solvent used :

Moisture Sensitive Air Sensitive

Other Techniques used: NMR Mass Spectrum CHN IR

Please draw the expected structure below

I hereby agree to acknowledge the data and results obtained from this instrument in publications and thesis.

Signature of the Student

Signature of the Guide

Coordinator's Signature
(Signature with Date and time)

Date of Data Collection : _____

Job No: _____

External users only



DEPARTMENT OF CHEMISTRY, I.I.T Madras
Single Crystal XRD Request Form

Name of the Student : _____

Date: _____

Name of the Guide : _____

Tel no: _____

University /College : _____ Email : _____

Address for Communication : _____

SERVICE REQUESTED

- | | | | |
|--|--------------------------|-----------------------------|--------------------------|
| 1. Data collection in room temp. | <input type="checkbox"/> | 3. Unit cell determination | <input type="checkbox"/> |
| 2. Data collection in liq. Nitrogen temp | <input type="checkbox"/> | 4. Structural determination | <input type="checkbox"/> |

Description of the sample

Sample Code :

Elements / Formula :

Solvent used :

Please draw the expected structure below

I hereby agree to acknowledge the data and results obtained from this machine in publications and thesis.

Signature of the Guide with Seal

Payment Details: Auth No/ UPI transaction:

Bank:

Amount Rs: