

*** Please read following instructions carefully ***

- Example of Filled Request Form has been provided at - <https://instruments.iitb.ac.in/ftir-imaging-system>.
- Registrations with incomplete Request Form will be rejected.
- Imaging, ATR, FPA are not working. Data will be acquired in Transmission mode.
- All samples must be submitted in a single envelope marked "FTIR" and with user's name.
- For solid / liquid samples use plastic eppendorfs / resealable plastic pouches. Sample code for each sample must be clearly mentioned.
- Sample quantity required - Solids: > 10 mg, Liquids: > 10 ml.
- Thin-films must be less than 0.5 mm in thickness and at least 15 mm x 15 mm in size.
- Solid samples must be ground to a fine powder before submitting.
- For quantitative analysis, please weigh and submit 5 mg of sample. Multiple instances of same sample may be submitted for redundancy.
- Give detailed description of sample in Request Form. For example- Powdered mixture of TiO₂ and ZnO / Sucrose solution in DI water / Thin-film of PVDF.
- In Request Form, mention any note to the operator / precautions to be taken.
- Samples will be discarded 30 days after data has been sent.
- If samples are needed back, user has to make arrangements for the same.
- For high-temperature FTIR analysis (25°C to 95°C), mention (in Remarks section) the temperatures at which data is to be acquired at. Charges will be assigned accordingly.
- Regarding any queries, call 022-2159-6899 or email ftirlab@iitb.ac.in.

FTIR facility (SAIF/CSIF, IIT-B) - Request Form

Every field in Request Form is mandatory. Edit the PDF itself, highlight correct options.

User's Name		
User's Phone Number		
User's Email ID		
Institute		
Guide		
Guide's Phone Number		
Guide's Email ID		
No. of Samples		
Spectral Range	Near-IR	Far-IR
Sample Description		
Hazardous	Yes	No
Highly Volatile	Yes	No
Flash Point less than 60°C	Yes	No
FTIR peaks expected at -		
Remarks		