

 UTM UNIVERSITI TEKNOLOGI MALAYSIA	PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)	Form Num.	UURL/F/126
		Version	1/2024
		Effective Date	01/03/2024
		Equipment	Thermogravimetric analysis (TGA-FTIR)
		Sample Serial No.	UURL/
X-RAY & THERMAL ANALYSIS LABORATORY			
SAMPLE SUBMISSION FORM (INDUSTRY)			

General Rules and Requirements:

- All information provided should be true
- Booking will be notified/updated by email
- Booking procedure
 - Complete the application form including company details.
 - Submit the complete application form to UIRL Sample Acceptance Counter
 - Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price
- Sample Condition & Preparation
 - PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.
 - The remaining samples will be disposed of within a month after analysis is completed.
- All inquiries regarding TGA-FTIR should be forwarded to the Assistant Engineer, Mr. Muhamad Arif Bin Misset, email: m.arifmisset@utm.my or Assistance Science Officer, Mrs. Nur Syakirah binti Mohd Noh, email: n.syakirah@utm.my, tel: 07-5557786, or visit our website at ppmu.utm.my.

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant	
Hand Phone No.	
Email	
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities.

2. COMPANY DETAILS

Name	
Registration No.	
Address	
Telephone No.	
Email	
Mode of payment	<input type="checkbox"/> Cash <input type="checkbox"/> EFT <input type="checkbox"/> Invoice <input type="checkbox"/> Fast Lane

3. SAMPLE INFORMATION

Type of Sample	<input type="checkbox"/> Solid <input type="checkbox"/> Powder <input type="checkbox"/> Gel <input type="checkbox"/> Liquid
Type of Graph	<input type="checkbox"/> TGA <input type="checkbox"/> FTIR
Purge Gas	<input type="checkbox"/> Purified air <input type="checkbox"/> N ₂
Heating Rate (°C/Min)	<input type="checkbox"/> 10 <input type="checkbox"/> 20 <input type="checkbox"/> 30 <input type="checkbox"/> 40 <input type="checkbox"/> 50
Range of Heating Temperature (30 °C – 1000 °C)	Start <input type="text"/> °C End <input type="text"/> °C
Other Condition <i>(Please specify if the sample need to switch the purge gas, hold temperature, heating rate)</i>	
Return sample	<input type="checkbox"/> Yes <input type="checkbox"/> No

3. SAMPLE INFORMATION FTIR

No	Samples Label and Information	Structure Formula of Sample	Type of Graph (Please tick /)		Please Specify any Result Expectation (spectral range)
			Absorbance	Transmittance	
1					
2					
3					
4					
5					