



**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/15
Version	1/2023
Effective Date	01/02/2023
Equipment	TGA-FTIR
Sample Serial No.	

**X-RAY & THERMAL ANALYSIS LABORATORY
SAMPLE SUBMISSION FORM**

General Rules and Requirements:

- All information provided should be true
- Booking will be notified/updated by email
- Booking procedure
 - Complete the application form including valid research vot number.
 - Submit the complete application form to UURL 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						
Status of Applicant	<input type="checkbox"/> Undergraduate	<input type="checkbox"/> Master	<input type="checkbox"/> PhD	<input type="checkbox"/> Research		
Student Matric No.						
Faculty / Department						
Hand Phone No. & Email						

2. SUPERVISOR DETAILS

Name of Supervisor						
Staff ID No.						
Faculty/Department						
Hand Phone No.						
Email						
Mode of payment	<input type="checkbox"/> Cash	<input type="checkbox"/> EFT	<input type="checkbox"/> Log Card	<input type="checkbox"/> Invoice	<input type="checkbox"/> Fast Lane	
*Payment using invoice	Research Vot No. (e.g.: Q.J091600.24C3.01D32)					
	Balance of V29000					
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities.					

3. SAMPLE INFORMATION

Type of Sample	Solid <input type="checkbox"/>	Powder <input type="checkbox"/>	Gel <input type="checkbox"/>	Liquid <input type="checkbox"/>		
Type of Graph	DTG <input type="checkbox"/>	TGA <input type="checkbox"/>	FTIR <input type="checkbox"/>			
Purge Gas	Purified Air <input type="checkbox"/>	N ₂ <input type="checkbox"/>				
Heating Rate (°C/Min)	10 <input type="checkbox"/>	20 <input type="checkbox"/>	30 <input type="checkbox"/>	40 <input type="checkbox"/>	50 <input type="checkbox"/>	
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>						

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					