



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/47
Version	1/2024
Effective Date	01/03/2024
Equipment	SURFACE AREA & PORE ANALYZER
Sample Serial No.	UURL/

**SURFACE SCIENCE 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 a valid research vote 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.**
 - Only samples that were ready to be analyzed were accepted by the lab
- All inquiries regarding **SURFACE AREA & PORE ANALYZER** should be forwarded to the Assistant Science Officer (Mrs Nurleyana Salleh, email: nurleyana@utm.my, Mrs Iryani Nabilah Kasni, email: iryaninabilah@utm.my, tel: 07-5557720) or visit our website at ppmu.utm.my.

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant								
Status of Applicant	<input type="checkbox"/>	Undergraduates	<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 (please attach the copy of referred journal)

Name of Sample											
Type of Sample	Powder	<input type="checkbox"/>	Solid	<input type="checkbox"/>							
* Samples must be dried and not oily											
No. of Samples Submitted											
Sample i.d/Labels											

Test Required	1) Isotherm (ASTM D4222-03)	<input type="checkbox"/>								
	2) Surface Area (ASTM D3663-20)	B.E.T	<input type="checkbox"/>	Langmuir	<input type="checkbox"/>					
	3) Pore Distribution (ASTM D4641-12)	B.J.H	<input type="checkbox"/>	Horvath & Kawazoe	<input type="checkbox"/>					
		t-Plot (Lippens & de Boer)	<input type="checkbox"/>	Dubinin and Raduskevich	<input type="checkbox"/>					

Sample pre-treatment consists in the combined operation of vacuum and temperature to remove the humidity from the sample.	Temperature (°C) :	
	Time/ Hour :	
	* Unknown sample: Please attach the copy of TGA result for pre-treatment condition requirement.	