
 <b>UTM</b> UNIVERSITI TEKNOLOGI MALAYSIA	<b>PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)</b>	Form Num.	UURL/F/57
		Version	3/2025
		Effective Date	15/05/2025
		Equipment	SURFACE AREA & PORE ANALYZER
		Sample Serial No.	UURL/
		Page	1 of 3
<b>SURFACE SCIENCE LABORATORY</b>			
<b>SAMPLE SUBMISSION FORM (INDUSTRY)</b>			

**General Rules and Requirements :**


1.	All information provided should be true.
2.	Sample submission procedure.
	a. Complete the Sample Submission Form including a valid research vote number.
	b. For sample submission via walk-in : Submit the completed Sample Submission Form and samples to UURL Sample Acceptance Counter.
	c. For sample submission via mail : Submit the completed Sample Submission Form and the samples. Samples must be packaged in a suitable container for courier delivery. The parcel should be addressed to the person in charge of the instrument, as it will be received directly by them.
3.	Fast lane Service : A priority testing service that provides results within 3 to 7 working days instead of the usual 14 working days. It is offered based on availability with an additional 50% charge from the normal price. Customers must contact the person in charge for this service.
4.	For sample criteria and conditions, refer to UURL Sample Submission Criteria in the PPMU website at ppmu.utm.my.
5.	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. Posted samples will be received by laboratory personnel.
6.	Only samples that are ready to be analyzed are accepted by the lab.
7.	The remaining samples will be disposed of within a month after analysis is completed.
8.	Quotation will be provided upon request.
9.	Payment must be made within fourteen (14) working days after invoice is issued.
10.	Analysis duration is within fourteen (14) working days after receiving the samples.
11.	The laboratory will provide test results after the payment proof presented to the laboratory personnel.
12.	All inquiries regarding <b>SURFACE AREA &amp; PORE ANALYZER</b> 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.

**\*All pages must be submitted**

 <b>UTM</b> UNIVERSITI TEKNOLOGI MALAYSIA	<b>PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)</b>	Form Num.	UURL/F/57
		Version	3/2025
		Effective Date	15/05/2025
		Equipment	SURFACE AREA & PORE ANALYZER
		Sample Serial No.	UURL/
		Page	2 of 3
SURFACE SCIENCE LABORATORY			
SAMPLE SUBMISSION FORM (INDUSTRY)			

**Application Details:**

<b>1. APPLICANT'S PERSONAL PARTICULARS</b>				
Name of Applicant				
Hand Phone No				
Email				
Department/Division				
Name of Head of Department/Division				
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities			
<b>2. COMPANY DETAILS</b>				
Name				
Registration No.				
Address				
Telephone No.				
Email				
<b>3. PAYMENT</b>				
Method of Payment		UTM PayHub System		Invoice
Mode of Service		Normal		Fast Lane
<b>4. SAMPLE &amp; ANALYSIS INFORMATION (please attach the copy of referred journal)</b>				
Name of Sample				
Total Number of Sample/s				
Type of Sample		* Powder size <6mm		Solid size:9mm-12mm

 <b>UTM</b> UNIVERSITI TEKNOLOGI MALAYSIA	<b>PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)</b>	Form Num.	UURL/F/57
		Version	3/2025
		Effective Date	15/05/2025
		Equipment	SURFACE AREA & PORE ANALYZER
		Sample Serial No.	UURL/
		Page	3 of 3
SURFACE SCIENCE LABORATORY			
SAMPLE SUBMISSION FORM (INDUSTRY)			

		weight: min 0.4g		weight: 1.0g-2.0g		
	*Samples must be dried and homogenized					
Sample Properties (Please tick (/))		Toxic		Carcinogenic		Others : _____
Sample i.d/Labels						
Test Required	Isotherm and Surface Area <ul style="list-style-type: none"> <li>BET <input type="checkbox"/></li> <li>Langmuir <input type="checkbox"/></li> </ul>					
	Isotherm, Surface Area & Pore Size Distribution <ul style="list-style-type: none"> <li>B.J.H <input type="checkbox"/></li> <li>Horvath &amp; Kawazoe <input type="checkbox"/></li> <li>t-Plot (Lippens &amp; de Boer) <input type="checkbox"/></li> <li>Dubinin and Raduskevich <input type="checkbox"/></li> </ul>					
Test Method	Isotherm	SURFER Thermo Fisher Scientific, Italy				
		ASTM D 4222				
	Surface Area	SURFER Thermo Fisher Scientific, Italy				
		ASTM D 3663 (Mesopore)				
	Pore Size Distribution	SURFER Thermo Fisher Scientific, Italy				
		ASTM D 4641				
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.					