

 <b>UTM</b> UNIVERSITI TEKNOLOGI MALAYSIA	<b>PUSAT PENGURUSAN MAKMAL          UNIVERSITI (PPMU)</b>	<b>Form Num.</b>	<b>UIRL/F/46</b>
		<b>Version</b>	<b>1/2026</b>
		<b>Effective Date</b>	<b>2/3/2026</b>
		<b>Equipment</b>	<b>CHEMISORPTION ANALYZER (TPDRO)</b>
		<b>Sample Serial No.</b>	<b>UIRL/</b>
		<b>Page</b>	<b>1 of 3</b>
<b>SURFACE SCIENCE LABORATORY</b>			
<b>SAMPLE SUBMISSION FORM</b>			

**General Rules and Requirements :**

1.	All information provided should be true.
2.	Sample submission procedure.
a.	Complete the Sample Submission Form including the Client Confidentiality Statement (Appendix 1).
b.	For sample submission via walk-in : Submit the completed Sample Submission Form and samples to UIRL 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 UIRL 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.
6.	Only samples that are ready to be analyzed are accepted by the laboratory.
7.	The remaining samples must be collected by the customer after completion of the analysis. Please inform the person in charge of the instrument on the sample collection date. Any uncollected samples will be disposed of by the laboratory after one month from result release date. For rejected samples, customers are required to collect the samples within three (3) working days after being informed of the rejection.
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 person in charge of the instrument.
12.	All inquiries regarding <b>Chemisorption Analyzer</b> should be forwarded to the person in charge of the instrument Assistant Science Officer, Mrs Iryani Nabilah Kasni (email: iryaninabilah@utm.my) or Mrs Nurleyana Salleh (email: nurleyana@utm.my). UIRL Sample Acceptance Counter phone no.: 07-5333360 (working hours). Visit our website at ppmu.utm.my for more information.

**All pages must be submitted**



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**SURFACE SCIENCE LABORATORY  
SAMPLE SUBMISSION FORM**

**Application Details :**

1. APPLICANT'S PERSONAL PARTICULARS							
Name of Applicant							
Status of Applicant							
		Undergraduate		Master		PhD	
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							
Signature & Official Stamp							
*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities							
I have read and agreed to the General Rules and Requirements							
3. PAYMENT							
Method of Payment							
		UTM PayHub System		Log card		Invoice	
Mode of Service							
		Normal		Fast Lane			
Payment using Invoice							
Research Vot No. (e.g.: Q.J091600.24C3.01D32)							
Balance of V29000							
3. SAMPLE INFORMATION							
Name of Sample							
Total Number of Sample/s							
Type of Sample							
		<input type="checkbox"/> Powder		<input type="checkbox"/> Solid			
Sample Properties (Please tick (/))							
		<input type="checkbox"/> Toxic		<input type="checkbox"/> Carcinogenic		Others : _____	
Sample i.d/Labels							
Test Required							
		<input type="checkbox"/> TPD-CO2		<input type="checkbox"/> TPD-NH3		<input type="checkbox"/> TPR-H2	
						<input type="checkbox"/> Pulse Chemisorption	
Parameter:							
Test	TPR			TPD			
Condition	Gas & Flow Rate (ml/min)	Waiting Time (Hour)	Ramping Temperature & rate (°C)	Gas & Flow Rate (ml/min)	Waiting Time (Hour)	Ramping Temperature & rate (°C)	
Pre-treatment/Cleaning							
Pre- Saturate the active sites							
To remove physisorbed gas							
Ramping Temperature (°C) & rate (°C/min)							

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Appendix 1

Client Confidentiality Statement

University Industry Research Laboratory (UURL), Universiti Teknologi Malaysia (UTM) strive to maintain all confidential, proprietary information, or trade secrets in strict trust and confidence. UURL ensures such information shall only be used for the purposes stated above and shall not be used for any other purpose or disclosed to any third party without the express written consent of the UURL customer.

UURL



\_\_\_\_\_  
Name: Zaidah Rahmat

Designation: Quality Manager

Date: 21 January 2026

UURL Customer

\_\_\_\_\_  
Name:

Name of Institution/ Company:

Date: