



PUSAT PENGURUSAN MAKMAL  
UNIVERSITI (PPMU)

Form Num.	UURL/F/40
Version	1/2023
Effective Date	01/02/2023
Equipment	ELECTROCHEMISTRY
Sample Serial No.	UURL/

LIQUID CHROMATOGRAPHY 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.
  - Own cell and electrodes are advisable.
- All enquiries regarding **ELECTROCHEMISTRY** should be forwarded to the Science Officer (Mrs Norzubaidha Ismail, email: [norzubaidha@utm.my](mailto:norzubaidha@utm.my), tel: 07-5557720 or Mr. Ahmad Muslehuddin Sarun, email: [a.muslehuddin@utm.my](mailto:a.muslehuddin@utm.my), tel: 07-5557775) or visit our website at [ppmu.utm.my](http://ppmu.utm.my).

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant						
Status of Applicant	<input type="checkbox"/> Undergraduates	<input type="checkbox"/>	<input type="checkbox"/> Master	<input type="checkbox"/>	<input type="checkbox"/> PhD	<input type="checkbox"/> Research
Student Matric No.						
Faculty/ Department						
Hand Phone No. & Email						

2. SUPERVISOR DETAILS (for internal applicant and academic institution only)

Name of Supervisor							
Staff ID No.							
Faculty/Department							
Hand Phone No.							
Email							
Mode of Payment	<input type="checkbox"/> Cash	<input type="checkbox"/>	<input type="checkbox"/> EFT	<input type="checkbox"/>	<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

Total No. of Sample						
Name of Sample (solid form only)						
Sample Properties (please tick (✓))	<input type="checkbox"/> Toxic	<input type="checkbox"/>	<input type="checkbox"/> Carcinogenic	<input type="checkbox"/>	<input type="checkbox"/> Normal	<input type="checkbox"/>
Name of Reference (liquid form only)						
Sample Properties (please tick (✓))						

4. ANALYSIS INFORMATION (please attach the copy of referred journal)

Type of Procedure (please tick one only (/))	<input type="checkbox"/> (A) Cyclic voltammetry potentiostatic	<input type="checkbox"/>	<input type="checkbox"/> (D) Chrono amperometry ( $\Delta t > 1ms$ )	<input type="checkbox"/>
	<input type="checkbox"/> (B) Linear sweep voltammetry potentiostatic	<input type="checkbox"/>	<input type="checkbox"/> (E) FRA impedance potentiostatic	<input type="checkbox"/>
	<input type="checkbox"/> (C) Linear polarization	<input type="checkbox"/>		<input type="checkbox"/>



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<b>Specification (s)</b>	<b>(A) Cyclic voltammetry potentiostatic</b>			
	Start potential (V)		Number of stop crossing	
	Upper vertex potential (V)		Scan rate (mV/s)	
	Lower vertex potential (V)		Number of scan	
	Stop potential (V)			
	Others:			
	<b>(B) Linear sweep voltammetry potentiostatic</b>			
	Start potential (-V)		Scan rate (mV/s)	
	Stop potential (V)			
	Others:			
	<b>(C) Linear polarization</b>			
	Start potential (-mV)		Scan rate (mV/s)	
	Stop potential (mV)			
	Others:			
	<b>(D) Chrono amperometry (<math>\Delta t &gt; 1ms</math>)</b>			
	Potential step 1 (V)		Potential step 3 (-V)	
	Potential step 2 (V)			
	Others:			
	<b>(E) FRA impedance potentiostatic</b>			
	Set potential (V)		Amplitude (m)	
Frequency range (Hz)				
Others:				
<b>No. of Analysis (Replicate)</b>				