



**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/40
Version	1/2021
Effective Date	01/05/2021
Equipment	ELECTROCHEMISTRY
Sample Serial No.	UURL/

**LIQUID CHROMATOGRAPHY LABORATORY
SAMPLE SUBMISSION FORM**

General Rules and Requirement:

- 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.
- 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.**
- All enquiries regarding the instrument should be forwarded to the Science Officer (Mrs Norzubaidha Ismail or Mrs Nor' Ain Abd Rahman 07-5557729/ 07-5557775).
- Only samples that ready to be analyzed were accepted by the lab.
- Own cell and electrodes are advisable.

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant						
Status of Applicant	<input type="checkbox"/> Undergrad	<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
Payment using Invoice	Research Vot No. (e.g.: Q.J091600.24C3.01D32)					
	Balance of V29000					
Signature & Official Stamp						

3. SAMPLE INFORMATION

Total No. of Sample						
Name of Sample (solid form only)						
Sample Background/ Information						
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"/>



**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/40
Version	1/2021
Effective Date	01/05/2021
Equipment	ELECTROCHEMISTRY
Sample Serial No.	UURL/

**LIQUID CHROMATOGRAPHY LABORATORY
SAMPLE SUBMISSION FORM**

Specification (s)	(A) Cyclic voltammetry potentiostatic			
	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) Linear sweep voltammetry potentiostatic			
	Start potential (-V)		Scan rate (mV/s)	
	Stop potential (V)			
	Others:			
	(C) Linear polarization			
	Start potential (-mV)		Scan rate (mV/s)	
	Stop potential (mV)			
	Others:			
	(D) Chrono amperometry ($\Delta t > 1ms$)			
	Potential step 1 (V)		Potential step 3 (-V)	
	Potential step 2 (V)			
	Others:			
	(E) FRA impedance potentiostatic			
	Set potential (V)		Amplitude (m)	
Frequency range (Hz)				
Others:				
No. of Analysis (Replicate)				