



PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)

| | |
|-------------------|------------------|
| Form Num. | UIRL/F/54 |
| Version | 1/2023 |
| Effective Date | 01/02/2023 |
| Equipment | ELECTROCHEMISTRY |
| Sample Serial No. | UIRL/ |

LIQUID CHROMATOGRAPHY LABORATORY
SAMPLE SUBMISSION FORM (INDUSTRY)

General Rules and Requirements:

- All information provided should be true.
- Booking will be notified/updated by email.
- Booking procedure
 - Submit the complete application form to UIRL 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 to 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 the 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, tel: 07-5557720 or Mr. Ahmad Muslehuddin Sarun, email: a.muslehuddin@utm.my, tel: 07-5557775) or visit our website at ppmu.utm.my.

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|---|---|--|---|--|---------|--|-----------|
| 1. APPLICANT'S PERSONAL PARTICULARS | | | | | | | |
| 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 | | | | | | |
| 2. COMPANY DETAILS | | | | | | | |
| Name | | | | | | | |
| Registration No. | | | | | | | |
| Address | | | | | | | |
| Telephone No. | | | | | | | |
| Email | | | | | | | |
| Mode of Payment | Cash | | EFT | | Invoice | | Fast Lane |
| 3. SAMPLE INFORMATION | | | | | | | |
| Total No. of Sample | | | | | | | |
| Name of Sample (solid form only) | | | | | | | |
| Sample Properties (please tick (v)) | Toxic | | Carcinogenic | | Normal | | |
| Name of Reference (liquid form only) | | | | | | | |
| Sample Properties (please tick (v)) | | | | | | | |
| 4. ANALYSIS INFORMATION (please attach the copy of referred journal) | | | | | | | |
| Type of Procedure (please tick one only (/)) | (A) Cyclic voltammetry potentiostatic | | (D) Chrono amperometry ($\Delta t > 1ms$) | | | | |
| | (B) Linear sweep voltammetry potentiostatic | | (E) FRA impedance potentiostatic | | | | |
| | (C) Linear polarization | | | | | | |

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|-------------------|---------------------------------------|
| Specification (s) | (A) Cyclic voltammetry potentiostatic |
|-------------------|---------------------------------------|



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SAMPLE SUBMISSION FORM (INDUSTRY)**

| | | | | |
|------------------------------------|--|--|-------------------------|--|
| | 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) | | | | |