



**PUSAT PENGURUSAN MAKMAL  
UNIVERSITI (PPMU)**

|                   |             |
|-------------------|-------------|
| Form Num.         | UURL/F/27   |
| Revision No.      | 1/2024      |
| Effective Date    | 01/03/2024  |
| Equipment         | LC PREP (B) |
| Sample Serial No. | UURL/       |

**ADVANCED MASS SPECTROMETRY LABORATORY  
SAMPLE SUBMISSION FORM**

**General Rules and Requirements:**

- All information provided should be true
- Booking will be notified/updated by email or phone.
- Booking procedure
  - Complete the application form including valid research vote number
  - Submit the completed 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 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 sample must be an organic compound and filtered in a silica column.
  - The remaining samples will be disposed of within a month after the analysis is completed.
- All inquiries regarding LC PREP(B) should be forwarded to the Science Officer Mrs. Malahah Binti Mohamed, email: [malahah@utm.my](mailto:malahah@utm.my), or Ms Nurhariyani Jamhari, email: [nurhariyani@utm.my](mailto:nurhariyani@utm.my), tel: 07-5557729/57718 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"/> Master | <input type="checkbox"/> PhD | <input type="checkbox"/> Researcher |  |
| 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"/> EFT | <input type="checkbox"/> Log card | <input type="checkbox"/> Invoice | <input type="checkbox"/> Fast Lane |
| *Payment using invoice     | Research Vot No.<br>(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**

|  |                                 |                                 |  |  |  |
|--|---------------------------------|---------------------------------|--|--|--|
| Name of Sample   |                                 |                                 |  |  |  |
| Type of Sample<br><i>(can dissolve in chloroform only)</i> | <input type="checkbox"/> Liquid | <input type="checkbox"/> Powder |  |  |  |
| Weight of Sample<br><i>(Weight of sample 100mg-250 mg)</i> |                                 |                                 |  |  |  |
| Molecular Weight (MW) of Sample                            |                                 |                                 |  |  |  |

**4. ANALYSIS INFORMATION**

|  |   |  |                           |  |  |
|--|---|--|---------------------------|--|--|
| Type of Sample Preparation<br><i>(Silica purification is compulsory for each sample)</i>   | <input type="checkbox"/> Synthesized Compound                   | <input type="checkbox"/> Toxic Compound      |                           |  |  |
|  | <input type="checkbox"/> Natural Product (Extraction/Isolation) | <input type="checkbox"/> Carcinogen Compound |                           |  |  |
| Wavelength<br><i>(The wavelength of a sample should be obtained with UV-VIS Detector before performing analysis using LC Semipreparative JAI 9110 II Next, Scan range: 200-800 nm)</i> | 1 <sup>st</sup> peak (nm)                                       |  | 3 <sup>rd</sup> peak (nm) |  |  |
|  | 2 <sup>nd</sup> peak (nm)                                       |  | 4 <sup>th</sup> peak (nm) |  |  |
| Additional Informations<br><i>(eg. Buffer &amp; Solubility)</i>  |   |  |                           |  |  |