



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UIRL/F/169
Version	1/2024
Effective Date	01/03/2024
Equipment	HPLC AGILENT
Sample Serial No.	UIRL/

**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 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.
- All enquiries regarding **HPLC** should be forwarded to the (Science Officer, Mr. Ahmad Muslehuddin Sarun, email: a.muslehuddin@utm.my, tel: 07-5557775 or Assistant Engineer, Mr. Amirul Amin Khir Anuar, email: amirulamin@utm.my, tel: 07-5557720) or visit our website at 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/> Invoice	<input type="checkbox"/>	<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/s									
Sample Properties (please tick (✓))	<input type="checkbox"/> Toxic	<input type="checkbox"/>	<input type="checkbox"/> Carcinogenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Normal
Sample Purity									
Targeted Compounds									
4. ANALYSIS INFORMATION (please attach the copy of referred journal)									
Type of Column Available	Waters, XBridge BEH C18, 4.6 x 250mm, 5 micron			Waters, XBridge Amide BEH, 4.6 x 250mm, 5 micron					
	Waters, XBridge Phenyl BEH, 4.6 x 250mm, 5 micron			ZORBAX Eclipse Plus C18, Rapid Resolution 4.6 x 100mm 3.5 micron					
	Phenomenex Gemini® 5µm NX-C18 LC column 250 x 4.6 mm								
Detector (please tick (✓))	<input type="checkbox"/> Photodiode Array (PDA)			<input type="checkbox"/> Fluorescence (FLD)					
5. PHOTODIODE ARRAY & FLUORESCENCE INFORMATION									
Elution (please tick (✓))	<input type="checkbox"/> Isocratic			<input type="checkbox"/> Gradient					
Injection Volume (µL)									
Flow Rate (mL/min)									



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Stoptime (min)								
Postrun (min)								
Column Temperature (°C)								
Mobile Phase or Premix (If Isocratic)	A :			%	C :			%
	B :			%	D :			%
Mobile Phase Timetable (If Gradient)	Time (min)	A (%)	B (%)	C (%)	D (%)	Flow (mL/min)	Max Pressure (bar)	
Signal & Band width DAD (nm)	Wavelength (Band width)			Reference wavelength(Band width)				
Signal FLD (nm)	Excitation			Emission				
Spectrum (if required)	Wavelength (nm)			Step (nm)				