



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/138
Version	1/2021
Effective Date	01/05/2021
Equipment	HPLC
Sample Serial No.	UURL/

ANALYTICAL CHEMISTRY & LIQUID CHROMATOGRAPHY LABORATORY

SAMPLE SUBMISSION FORM (INDUSTRY)

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. Nor' An Abd Rahman or Assistant Engineer, Mr. Amirul Amin Khir Anuar 07-5557729/ 07-5557720/ 07-5557775).
- Only samples that ready to be analyzed were accepted by the lab.

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant	
Hand Phone No	
Email	
Department/Division	
Signature & Official Stamp	

2. COMPANY DETAILS

Name	
Registration No.	
Address	
Telephone No.	
Email	
Mode of Payment	<input type="checkbox"/> Cash <input type="checkbox"/> EFT <input type="checkbox"/> Invoice

3. SAMPLE INFORMATION

Total No. of Sample	
Name of Sample/s	
Sample Background / Information	
Sample Properties (please tick (v))	<input type="checkbox"/> Toxic <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Normal
Sample Purity	
Detected Compounds	

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

Type of Analysis (please tick (v))	<input type="checkbox"/> HPLC-PDA-FLUORESCENCE (AGILENT)	<input type="checkbox"/> HPLC-PDA-FLUORESCENCE (WATERS)	
	<input type="checkbox"/> HPLC-QDa MASS DETECTOR		
Type of Column Available	<input type="checkbox"/> Waters, XBridge BEH C18, 4.6 x 250mm, 5 micron	<input type="checkbox"/> Waters, XBridge Amide BEH, 4.6 x 250mm, 5 micron	
	<input type="checkbox"/> Waters, XBridge Phenyl BEH, 4.6 x 250mm, 5 micron	<input type="checkbox"/> ZORBAX Eclipse Plus C18, Rapid Resolution 4.6 x 100mm 3.5 micron	
	<input type="checkbox"/> Phenomenex Gemini® 5µm NX-C18 LC column 250 x 4.6 mm		
Detector (please tick (v))	<input type="checkbox"/> Photodiode Array (PDA)	<input type="checkbox"/> Fluorescence (FLD)	<input type="checkbox"/> QDa Mass Detector



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5. PHOTODIODE ARRAY & FLUORESCENCE INFORMATION

Elution (please tick (v))	Isocratic				Gradient			
Injection Volume (µL)								
Flow Rate (mL/min)								
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)				

6. QDa INFORMATION

Isocratic Solvent Management	Yes			No			
	Mobile Phase				Flow rate(mL/min)		
MS Conditions	Ionization Mode	ESI+			ESI-		
	Probe Temperature (°C)						
	Capillary Voltage (kV)	Positive (+ve)			Negative (-ve)		
	Cone Voltage (V)	Positive (+ve)			Negative (-ve)		
	MS Scan Range (Da)						
	Sampling Rate (point/second)						
	Acquisition (m/z centroid)						
	SIR Channel	Mass (Da)			Polarity (+ve)/(-ve)		
	Compound A						
Compound B							