



**PUSAT PENGURUSAN MAKMAL  
UNIVERSITI (PPMU)**

Form Num.	UURL/F/26
Revision No.	1/2023
Effective Date	01/02/2023
Equipment	GCMS QP2010
Sample Serial No.	

**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.**
  - Sample that can be analyzed by GCMS QP2010 is an Organic Compound having a mass of up to 1090 m/z, can be evaporated at a temperature of 330 °C or less and is thermally stable, i.e. not decomposed by heating.
  - Water samples and water soluble compounds will not be accepted.**
  - The remaining samples will be disposed of within a month after the analysis is completed.**
  - References in the form of journals / standard methods / relevant technical reports should be attached to ensure compatibility with the instrument.
- All inquiries regarding Gas Chromatography & Mass Spectrometry (GCMS) should be forwarded to the Science Officer Mdm. Nor Fadilah Binti Mohamad Nasir (email: [nfadilah@utm.my](mailto:nfadilah@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"/>	<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. (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**

No. of Samples & Labels					
Name of Sample					
Name & Boiling Point of Solvent (°C)					
Boiling Point of Target Compound (°C)					
Types of Column (Please tick (/) one only)	<input type="checkbox"/> BP10	<input type="checkbox"/> BPX35	<input type="checkbox"/> BP1		
	<input type="checkbox"/> BP5MS	<input type="checkbox"/> Solgel-Wax	<input type="checkbox"/> BPX70		
GCMS Program	Injection Volume (µL) :				
	Injector Temperature (°C) :				
	Injection Mode (Split/Splitless) :				
	Flow Control Mode (Pressure/Linear Velocity) :				
	Column Flow (mL/min) : *30m column length, I.D: 0.25mm				

Temperature Program	No	Rate (mL/min)	Temperature (°C)	Hold Time (min)
	1.			
	2.			
	3.			
Details of Targeted Compound	No	Mol. Weight (MW)	Chemical Formula	Retention Time
	1.			
	2.			
	3.			