



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/23
Version	1/2023
Effective Date	01/02/2023
Equipment	GC-MS-MS TQ8040
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.**
 - Samples that can be analyzed by GC-MS-MS TQ8040 are typically Organic Compounds that have masses up to 1090 m/z, can be vaporized at 330°C or less and are thermally stable, i.e. that are not decomposed by heating. Strictly no water, chloroform, strong acid or base as solvent.
 - References in the form of Journals / standard methods / relevant technical reports should be attached to ensure compatibility with the instrument.
 - Applicant(s) are required to retrieve all samples after analysis.
 - The remaining samples will be disposed of within a month after the analysis is completed.**
- All inquiries regarding **GC-MS-MS TQ8040** should be forwarded to the Assistant Science Officer, Nurhariani binti Jamhari (tel: 07-5557729, email: nurhariani@utm.my) 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"/> 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. (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						
Sample ID						
Mode of Analysis (tick (/) one only)	<input type="checkbox"/> Liquid	<input type="checkbox"/> Headspace * (fill in section 4)	<input type="checkbox"/> SPME ** (fill in section 5)			
	<input type="checkbox"/> DI-Probe	<input type="checkbox"/> MDGC				
Types of Column (tick (/) one only except for MDGC analysis)	<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) :					
	Interface Temperature (°C) :					
	Ion Source Temperature (°C) :					
Temperature Program	No	Rate (°C/min)	Temperature (°C)	Hold Time (min)		
	1.					
	2.					
	3.					

Solvent Use			
Targeted Compounds <i>(attach details if not enough space)</i>			
4. HEADSPACE ANALYSIS *			
Incubation Temperature (°C) <i>(30 °C to 200 °C only)</i>			
Incubation Time (m:ss) <i>(0.10 to 1440.00 only)</i>			
5. SPME ANALYSIS **			
Extraction Mode <i>(tick (/) one only)</i>	<input type="checkbox"/>	Headspace	<input type="checkbox"/> Direct Immerse
Type of Fiber <i>(tick (/) one only)</i>	<input type="checkbox"/>	30 µm Polydimethylsiloxane (PDMS)	
	<input type="checkbox"/>	65 µm Polydimethylsiloxane/Divinylbenzene (PDMS/DVB)	
	<input type="checkbox"/>	50/30µm DVB/Carboxen/PDMS	
	<input type="checkbox"/>	85µm Carboxen/PDMS	
	<input type="checkbox"/>	85µm Polyacrylate	
Pre Incubation Time (m:ss) <i>(0.10 to 100.00 only)</i>			
Incubation Temperature (°C) <i>(30 °C to 200 °C only)</i>			
Extraction Time (m:ss) <i>(0.10 to 100.00 only)</i>			
Desorption Time (m:ss) <i>(0.10 to 100.00 only)</i>			