



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/23
Version	1/2021
Effective Date	01/05/2021
Equipment	GC-MS-MS TQ8040
Sample Serial No.	

**ADVANCED MASS SPECTROMETRY LABORATORY
SAMPLE SUBMISSION FORM**

General Rules and Requirement:

- All information provided should be true
- Booking will be notify/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
- Sample Condition & Preparation
 - PPMU has the right to cancel any analysis if the sample is suspected to have 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.**
 - 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 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.
- All inquiries regarding GC-MS-MS TQ8040 should be forwarded to the Assistant Science Officer, Nurhariani binti Jamhari (Email: nurhariani@utm.my / Tel.no: 07-5557729).

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	
*Payment using invoice	Research Vot No. (e.g.: Q.J091600.24C3.01D32)				
	Balance of V29000				
Signature & Official Stamp					

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		
Solvent Use	<input type="checkbox"/> No	<input type="checkbox"/> Yes If Yes, state details :			
Temperature Program	<input type="checkbox"/> No	Rate (mL/min)	Temperature (°C)	Hold Time (min)	
	<input type="checkbox"/> 1.				
	<input type="checkbox"/> 2.				
	<input type="checkbox"/> 3.				
Targeted Compounds (attach details if not enough space)	<input type="checkbox"/> No	<input type="checkbox"/> Yes If Yes, state details:			

4. HEADSPACE ANALYSIS *			
Incubation Temperature (°C) <i>(40 °C to 90 °C only)</i>			
Incubation Time (m:ss) <i>(0.10 to 100.00 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>(40 °C to 90 °C only)</i>			
Extraction Time (m:ss) <i>(0.10 to 100.00 only)</i>			
Extraction Temperature (°C)			
Desorption Time (m:ss) <i>(0.10 to 100.00 only)</i>			