

 UTM UNIVERSITI TEKNOLOGI MALAYSIA	PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)	Form Num.	UURL/F/94
		Revision No.	1/2023
		Effective Date	01/02/2023
		Equipment	GC-MS-MS TQ8040
		Sample Serial No.	
ADVANCED MASS SPECTROMETRY LABORATORY SAMPLE SUBMISSION FORM (INDUSTRY)			

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 company details
 - 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 TQ GCMS-MS 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.
 - 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				
Hand Phone No.				
Email				
Department/Division				
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities			
2. COMPANY DETAILS				
Name				
Registration No.				
Address				
Telephone No.				
Email				
Mode of Payment	Cash	EFT	Invoice	Fast Lane
3. SAMPLE INFORMATION				
Name of Sample				
Sample ID				
Mode of Analysis (tick (/) one only)	Liquid	Headspace * (fill in section 4)	SPME ** (fill in section 5)	
	DI-Probe	MDGC		
Types of Column (tick (/) one only except for MDGC analysis)	BP10	BPX35	BP1	
	BP5MS	Solgel-Wax	BPX70	
Solvent Use				
GCMS Program	Injection Volume (µL)			
	Injection Mode (Split/Splitless)			
	Injector Temperature (°C)			
	Interface Temperature (°C)			
	Ion Source Temperature (°C)			
Temperature Program	No	Rate (°C/min)	Temperature (°C)	Hold Time (min)
	1.			
	2.			
	3.			

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>			
Desorbtion Time (m:ss) <i>(0.10 to 100.00 only)</i>			