

	MAKMAL BERPUSAT UNIVERSITI MALAYSIA TERENGGANU 21300 Kuala Terengganu, Terengganu Fax : 09-668 3395	Form Num.	UMT/MB/M/2016/GCMS
		Sample No.	GCMS/
GAS CHROMATOGRAPHY MASS SPECTROMETER ANALYSIS APPLICATION FORM (GCMS 2010 ULTRA SHIMADZU)			

APPLICANT'S PERSONAL PARTICULARS

Name of Applicant							
Status of Applicant *	Internal		Undergraduate		Master/PhD		Collaborator
	External		Student		Government		Private
Student ID / IC No.							
Faculty/ Department							
Hand Phone No. & Email							

SUPERVISOR DETAILS

Name of Supervisor							
Research Vot. No.							
Faculty/Department							
Payment via *	Cash / Electronic Fund Transfer (EFT)					Local Order (LO) / Purchase Order (PO)	
	Direct Invoice				Vot Transfer	Cheque	
Hand Phone No. & Email							
Signature & Official Stamp Date							

SAMPLE INFORMATION

Type of Sample *	Hydrocarbon (HC)						
	Other <i>(Please specify)</i> :						
Total No. of Sample							
Sample Labels & Information <i>(Please specify the sample label/tag)</i>	1		6				
	2		7				
	3		8				
	4		9				
	5		10				
	<i>* Please attach additional list of samples if necessary</i> <i>* Samples should be filtered using 0.2 or 0.45 µm syringe filter & place in 2 mL GC Vial</i>						
Sample Handling Details *	Store samples in the fridge						
	Samples should only be handled in a fume hood						
	Samples must be handled wearing gloves						
	Store sample in the freezer						
	Stench						
Other handling instructions or hazard information: <i>(Please specify)</i> :							
Compounds To Be Detected							
Solvent							
Estimated Boiling Point (°C)							
Sample Purity							
Sample Properties *	Toxic		Carcinogenic		Normal		
Filtered Sample *	Yes		<i>Please specify the filter size & filter type:</i>				
	No						
Dilution *	Yes		<i>Please specify the dilution factor:</i>				
	No						
Carrier Gas (Helium) Rate (mL/min)							
Injection	Volume (uL)		Mode (Split / Splitless)		Split ratio		
	Interface Temperature (°C)			Ion Source Temperature (°C)			
Type of Capillary Column *	BP5MS; Non-Polar; 30.0 m x 0.25 mm ID x 0.25 µm; Column Tmax: 350°C						
	Others (On Request) - <i>Type of Column, Polarity, (Length x ID x Size), Column Tmax (Please specify)</i> :						

Column Programming		Rate (°C/min)	Temperature (°C)	Hold time (min)
	0			
	1			
	2			
	3			
Detector Temperature (°C)				
Request on Method				
Please Specify Any Result Expectation (eg. Concentration range)				
OFFICE USE				
Date of Received				
Date of Completion				
Signature & Stamp of Person In-Charge				

*Please tick

General Rules and Requirement:

- Any sample or derivation of swine/pork/lard/pig/dogs type is not accepted for analysis purposes.
- Please refer to the website (<http://makmalberpusat.umt.edu.my/>) for further details of pricing and instrument. All analysis prices are subject to change.
- All information provided should be true.
- Booking procedure
 - Complete the application form including valid Research Vot. No.
 - Submit the completed application form to the lab staff. Please attached the reference journal/method of analysis.
 - For **UNDERGRADUATE STUDENTS**, the sample to be analyzed is limited for **FOUR (4)** samples only.
- Sample Condition & Preparation
 - Please be ensure the **MINIMUM SAMPLE VOLUME REQUIRED** should be submitted in **2 ML GC VIAL**.
 - Sample should be filtered. Any relatively high concentration of the samples will be made further dilution upon discussion between client & person in-charge.
 - Makmal Berpusat UMT 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.
- All inquiries regarding GC-MS instrument should be forwarded to the Science Officer (Muhammad Zulhilmi Bin Ramlee/ 09-668 3998/ zulramlee@umt.edu.my)

REMARKS				
NO	DESCRIPTION			CHECKLIST - PIC
1	Storage		Room	Location:
			4°C	
			-20°C	
			-80°C	
2	List of received Item	No	Item	Quantity
		1	Sample	
		2	Standard	
		3	Column	
		4		
3	Post Analysis		Storage	
			Dispose	
4	Receiver Name			
			Stamp : Date:	Stamp : Date: