



**MAKMAL PENYELIDIKAN ALAM SEKITAR
UNIVERSITI MALAYSIA KELANTAN
KAMPUS JELI**
Karung Berkunci No. 100, 17600 Jeli,
Kelantan

PERALATAN GCMS

BIL

UMK/GCMS/2019

Maklumat/Information: 09-947 7212

**BORANG PERMOHONAN ANALISA ANALISIS GCMS
(GCMS ANALYSIS APPLICATION FORM)**

Nama Pemohon (Applicant's Name)		No. Telefon (Phone. No.)	
Fakulti/Jabatan/Makmal (Faculty/Department/Lab)		No. Matrik (Matric No.)	
Nama Penyelia (Supervisor's Name)		Vot Penyelidikan (Research Vat. No.)	
Tandatangan Penyelia (Supervisor's Signature)		Cop (Stamp)	

PERINCIAN SAMPLE SAMPLES DETAILS				PERINCIAN ANALISIS ANALYSIS DETAILS				
BIL	Kod/ Sample Code	Pelarut sesuai / Compatible Solvent	Keracunan / toxicity (mark / if YES)	Kaedah Kajian / Method				Julat Jisim / Mass range <1000 Da OR Target Mass Range
				GCMS (Separation) (multi-compounds / oily / waxy / liquid)		DIMS (Direct) (single compound / solid / crystal / powder)		
				EI	Concentration (mg/ml or ppm)	EI	Takat Suhu lebur / Melting point	
1								
2								
3								
4								
5								
6								

Sample source (Please ✓) : Plants Animals Synthesis Environments

GC capillary column (fsc) type : High Polar/ Polar/ Moderately Polar/ Slightly Polar/ Non-Polar

Model : _____ Long : _____ meter, I.D : _____ mm, Thickness : _____ µm

GC Oven Temperature Programme

GC Carrier Gas Pressure (Helium)

Phase	Heating rate / (°C/min)	Initial Temperature (°C)	Hold time (minute)	Column Flow rate (mL/min)
Start (A)				Maklumat lengkap/ tidak lengkap :
Final (B)				
Final (C)				

KEGUNAAN PEJABAT / OFFICE USE

Tandatangan & Cop Pegawai Bertanggungjawab <i>Signature & Stamp of Person Responsible</i>	Tandatangan & Cop Pegawai Bertugas <i>Signature & Stamp of Person In- Charge</i>	Tarikh terima sampel <i>Date of Received</i>	
		Tarikh Analisis Lengkap <i>Date of Completion</i>	

*Attach latest journal/ reference of GCMS Method with applications.