

 <b>ANATS: 62069</b>	<b>JABATAN KIMIA</b> <b>FAKULTI SAINS</b> <b>UNIVERSITI PUTRA MALAYSIA</b> 43400 UPM SERDANG, Selangor Tel.:03-89466776 Fax:0389435380	<b>MAKMAL SPEKTROSKOPI GC-MS</b> <b>Room No.: G39 BSF</b>
	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>	

**Maklumat/Information: 03-89471447**

## BORANG PERMOHONAN ANALISIS GCMS

(GCMS ANALYSIS APPLICATION FORM)  
(SHIMADZU QP5050A / QP2010PLUS)

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

**GAS CHROMATOGRAPHY RESULTS ATTACHED?** (analisis GC-FID disertakan ?) YES  NO

**SERIOUSLY IMPORTANT: PLEASE SEND ALL THE SAMPLES TO GC-FID LAB FOR SAMPLE TEST.**

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

Phase / Fasa	Heating rate / kadar kenaikan suhu (°C/min)	Initial Temperature / Suhu (°C)	Hold time / masa penahanan (minute)
Start (A)			
Final (B)			
Final (C)			

### GC Carrier Gas Pressure (Helium)

Column Flow rate / kadar aliran gas (ml/min)	
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### Kegunaan Pejabat / Office use

Tarikh daftar sampel:

Tarikh analisis:

Tandatangan & Cop

Pegawai Bertugas:

Maklumat Lengkap / Tidak Lengkap: