



UNIVERSITI SAINS MALAYSIA

PUSAT PENGAJIAN SAINS KIMIA

SCHOOL OF CHEMICAL SCIENCES

UNIVERSITI SAINS MALAYSIA

11800 USM, PULAU PINANG

Tel: 04-653 3540

BILIK ALATAN FTIR 278/G09 Organik (Organic) 370/G09 Tak Organik (Inorganic)**Tarikh**

(Date)

Staf Bertugas

(Staff In-Charge)

012-465 3800 (Mdm. Wan Zulilawati)

019-476 8584 (Mr. Azhar)

BORANG PERMOHONAN ANALISIS FTIR

(FOURIER-TRANSFORM INFRARED SPECTROSCOPY, FTIR ANALYSIS APPLICATION FORM)

Nama Pemohon (Applicant's Name)		No. Telefon (Phone No.)	
Alamat Email (Email Address)		Tandatangan Pemohon (Applicant's Signature)	
Pusat Pengajian/Makmal (School/Lab)		*No. Matrik/Staf (Matric/Staf No.)	
Status Pemohon, sila tanda ✓ (Applicant's Status, please mark ✓)	<input type="checkbox"/> Pelajar PhD (PhD student)	<input type="checkbox"/> Pelajar sarjana (MSc student)	<input type="checkbox"/> Pelajar tahun akhir (Undergraduate / FYP student)
Nama Penyelia (Supervisor's Name)		No. PO / No. Resit Pembayaran (Purchase Order No. / Receipt No.)	
Tandatangan Penyelia (Supervisor's Signature)		Cop Penyelia (Supervisor's Stamp)	

*Untuk USM sahaja (USM only)

MAKLUMAT SAMPEL
(SAMPLE INFORMATION)

PENYEDIAAN SAMPEL; sila tanda ✓ (SAMPLE PREPARATION; please mark ✓)	<input type="checkbox"/> KBr Die	<input type="checkbox"/> ATR
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JENIS SAMPEL (TYPE OF SAMPLE)	JENIS (TYPE)	KUANTITI (QUANTITY)
	Pepejal (Solid)	
	Serbuk (Powder)	
	Cecair (Liquid)	
	Gel	
	Lain-lain: (Others)	
	Jumlah Sampel (Total Number of Sample)	

SPESIFIKASI METOD
(METHOD SPECIFICATION)

Resolution (cm⁻¹); (400 – 4000 cm ⁻¹ only)	
No. of scans	
Range (cm⁻¹)	
Baseline correction	
Smoothing	

Requested Result in (Please mark ✓ which applied)

<input type="checkbox"/> Text Document (ASCII type)	<input type="checkbox"/> PDF
<input type="checkbox"/> Excel	<input type="checkbox"/> Others:

KEGUNAAN PEJABAT
(OFFICE USE)

Tarikh Terima Sampel (Sample Received Date)	Tarikh Lengkap Analisis (Completed Analysis Date)
Tandatangan dan Cop Pegawai Bertugas (Signature and Stamp of Officer In-Charge)	

General Rules and Requirements:

- Sampel mestilah dalam julat 0.5 – 1 g or 0.5 ml – 1 ml sahaja.
(Sample must be in the range of 0.5 – 1 g or 0.5 ml – 1 ml only).
- Julat mestilah antara 400 – 4000 cm⁻¹ sahaja.
(Range must be between 400 – 4000 cm⁻¹ only).
- Sampel perlu dilabelkan dengan jelas.
(Sample need to be clearly labelled).
- Semua harga analisis adalah tertakluk kepada perubahan.
(All analysis prices are subject to change).
- Anggaran menunggu untuk keputusan adalah dalam tempoh 1 – 2 minggu.
(Estimated waiting period for result is within 1 – 2 weeks).