



UNIVERSITI SAINS MALAYSIA

PUSAT PENGAJIAN SAINS KIMIA

SCHOOL OF CHEMICAL SCIENCES

UNIVERSITI SAINS MALAYSIA

11800 USM, PULAU PINANG

Tel: 04-653 3540

BILIK ALATAN UV-DRS

244/G09

Analisis (Analysis)

Tarikh

(Date)

Staf Bertugas

(Staff In-Charge)

012-594 4734 (Mr. Imran)

BORANG PERMOHONAN ANALISIS UV-DRS*(ULTRAVIOLET DIFFUSION REFLECTANCE SPECTROMETER, UV-DRS ANALYSIS APPLICATION FORM)*

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

*Untuk USM sahaja (USM only)

MAKLUMAT SAMPEL
(SAMPLE INFORMATION)

JENIS SAMPEL Perincian Maklumat (sila tanda) ✓ <i>(TYPE OF SAMPLE)</i> <i>Detail Information (please mark ✓)</i>	Serbuk <i>(Powder)</i>	Filem Nipis <i>(Thin Film)</i>	Cecair <i>(Liquid)</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No.	Nama / Kod Sampel <i>Sample Name / Code</i>	Pelarut; sila nyatakan <i>(Solvent; please specify)</i>	Ketoksikan, jika ada sila tandakan ✓ <i>(Toxicity; if any please mark ✓)</i>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
Jumlah Sampel <i>(Total Number of Sample)</i>			

SPESIFIKASI METOD
(METHOD SPECIFICATION)

Measuring Medium <i>(please mark ✓)</i>	Absorbance	Transmittance	Reflectance	Kubelka-Munk	Other:
Wavelength Range (nm) *190 – 1100 nm					

KEGUNAAN PEJABAT
(OFFICE USE)

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

General Rules and Requirements:

- Sampel mestilah dalam julat 250mg-300mg (serbuk) dan 10 ml – 50 ml (cecair) sahaja.
(Sample must be in the range of 250mg-300mg (powder) and 10 ml – 50 ml (liquid) only).
- Pelarut adalah diwajibkan dibawa bersama sampel.
Solvent is required to be brought along with sample.
- Sampel perlu dilabelkan dengan jelas.
(Sample need to be clearly labelled).
- Sila lampirkan jurnal rujukan bersama borang ini.
(It is compulsory to attach journal of reference with this form).
- 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).