



UNIVERSITI SAINS MALAYSIA

PUSAT PENGAJIAN SAINS KIMIA
SCHOOL OF CHEMICAL SCIENCESUNIVERSITI SAINS MALAYSIA
11800 USM, PULAU PINANG
Tel: 04-653 3540

BILIK ALATAN TGA K012/K013/G09A Industri (Industry)

Tarikh (Date)	:	<input type="text"/>
Staf Bertugas (Staff In-Charge)	:	017-490 7791 (Mdm. Ami Mardiana)* 013-997 0855 (Mr. Muhamad Nazri) 012-483 6393 (Mr. Mohd Nazri Saed)

BORANG PERMOHONAN ANALISIS TGA
(THERMOGRAVIMETRIC, TGA 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)

JENIS SAMPEL	Solid	Liquid
Perincian Maklumat (sila tanda) ✓ (TYPE OF SAMPLE) Detail Information (please mark ✓)		

SPESIFIKASI METOD
(METHOD SPECIFICATION)

No.	Nama Sampel Sample Name	Julat Suhu (°C) (30 – 900 °C sahaja) Temperature Range (°C) (30 – 900 °C only)	Kadar Pemanasan (°C) (5 / 10 / 20 °C) Heating Rate (°C) (5 / 10 / 20 °C)	ID Sampel (Kegunaan Operator) Sample ID (Operator Use)
1.				
2.				
3.				
4.				
5.				

JUMLAH SAMPEL (TOTAL NUMBER OF SAMPLE)	
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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:

- Berat minimum sampel adalah 5 mg.
(Minimum weight of sample is 5 mg).
- Suhu minimum analisis adalah 30 °C.
(Minimum temperature of analysis is 30 °C).
- 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 2 minggu.
(Turnaround Time (TAT) for result is within 2 weeks).