

 <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:03-89435380		<b>MAKMAL NMR</b> <b>Room No.: G31/ G40 BSF</b>		
Please <input checked="" type="checkbox"/> If Applicable (For FINAL YEAR PROJECT)		<b>A</b>	<b>B</b>	<b>Maklumat/Information: 03-8946 6799</b>	

## BORANG PERMOHONAN ANALISIS NMR (NMR ANALYSIS APPLICATION FORM)

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

**PERHATIAN!!! SILA BACA DAN PATUHI ARAHAN DI BAWAH / ATTENTION!!! PLEASE READ AND FOLLOW THE INSTRUCTIONS**

- Dapatkan **PENGESAHAN** daripada **PENYELIA**. / Get **APPROVAL** from your **SUPERVISOR**.
- Pastikan sampel **TULEN**. / Please ensure sample is **PURED**.
- Kenal pasti **PELARUT** yang sesuai. (Sila rujuk muka surat sebelah). / Identify suitable solvent (Please refer to next page).
- Sila **timbang** sampel antara 20-25 mg / Please **weigh** sample between 20-25 mg.

**MAKLUMAT SAMPEL / SAMPLE'S INFORMATION**

Bil. No.	Kod Sampel <i>Sample Code</i>	Berat Sampel <i>Sample Weight</i> (20-25mg)	Pelarut <i>Solvent</i>	Keracunan ( <input type="checkbox"/> jika ya) <i>Poisonous (if yes)</i>	Jenis Analisis (Tandakan <input type="checkbox"/> ) <i>Type of Analysis (Please <input type="checkbox"/>)</i>							NMR 400 MHz	NMR 500 MHz	Sampel Diperlukan Semula??? ( <input type="checkbox"/> jika ya) <i>Need back your sample???</i> (if yes)
					<sup>1</sup> H	<sup>13</sup> C	DEPT	COSY	HMQC	HMBC	NOESY			
1.														
2.														
3.														
4.														
5.														

**KEGUNAAN PEJABAT / OFFICE USE**

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

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**LIST OF SOLVENTS FOR NMR ANALYSIS**

1	Chloroform	6	Pyridine
2	Acetone	7	Acetic Acid
3	Methanol	8	1-4-Dioksane
4	Dimethylsulfoxide (DMSO)	9	Trifluoroacetic Acid
5	Water (H <sub>2</sub> O)		

**NOTE:-**

1. Please use solvent as listed as above **ONLY**. Other solvent can't support our NMR system.
2. Only **"DEUTERATED SOLVENTS"** are acceptable for NMR analysis.