

FACULTY OF SCIENCE AND MATHEMATICS UNIVERSITI PENDIDIKAN SULTAN IDRIS

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20_/FSM/NMR/_ () No Rujukan JPPS 20_-FSM/J_ /_-(BIL __/_) UPSI/FSM/JPPS(Pin 04)

APPLICATION FOR SAMPLE ANALYSIS NUCLEAR MAGNETIC RESONANCE (NMR)

PART A: APPLICANT INFORMATION

Applicant Name : Matrix / Staff No. : Programme : Supervisor Name : Project / Research Title :	Phone Depar	e No. :
Vot / Grant No.	Currer	ent Balance:
Please tick (/) : Underg	raduate Postgraduate (cour	rsework @ Thesis)/GRA/RA External
PART B: SAMPLE INFORMAT Number of Sample :	ION	
For experiment except ¹ H (example: ¹³ C	and 2D), Please attach molecul structure expe	ected)
Sample precaution :	Store in a refrigerator Wearing rubber gloves Smelly	Handling in fumehood Store in freezer Other:

Special Requirement :

(example: need constant temperature on 60°C during experiment)

NO	SAMPLE CODE	SOLVENT	MASS							1	
			(mg)	¹ H	¹³ C	DEPT	COSY	HMBC	HMQC	NOESY	SLOT

PART C: DECLARATION

STUDENT/ STAFF DECLARATION	SUPERVISOR/ LECTURER DECLARATION
I acknowledge that all information given above is true. I will be responsible for any damages that occurred due to falsification of the information.	I acknowledge that this student is under my supervision. * I agree to pay the cost set by the Faculty of Science and Mathematics. *(If Applicable Only)
(Signature & Stamp) Name : Date :	(Signature & Stamp) Name: Date :

PART D: APPROVAL BY SCIENTIFIC INSTRUMENT COORDINATOR

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SCIENTIFIC INSTRUMENT COORDINATOR APPROVAL: APPROVED / NOT APPROVED

Reason for not approved

	(Signature & Stamp)		
Name : Date :			
		OFFICE USE	
Operator Name	:		
Received Date	:		
Completed Date	:		
Remarks	:		
TOTAL AMOUNT	(RM) :		

TERMS OF APPLICATION

- 1 The sample must be prepared by the applicant
- 2 Sample weight must be above 5.0mg
- 3 Samples to be analyzed must be labeled clearly (state code samples, solvents and concentration)
- 4 Samples are prepared in sample tubes which cracked or broken will not be accepted for analysis
- 5 For good result, make sure samples are pure, filtered and fully dissolved in selected solvent
- 6 FID data will be saved in databank within 2 weeks after analysis is done
- 7 To process FID data, please discuss with operator and provide CD (RW) for copy
- 8 To download NMR software, please go to the website, http://nmrsupport.jeol.com/.The software is free.

PAYMENI RATE								
NO	EXPERIMENT	DURATION (HOUR)	UPSI	EXTERNAL				
	1 Dimension							
1	¹ H	-	RM30.00	RM80.00				
2	¹³ C	≤2	RM50.00	RM130.00				
		>2	Additional : RM20.00/hour	Additional : RM50.00/hour				
3	DEPTH	≤2	RM50.00	RM180.00				
	DEPTH	>2	Additional : RM20.00/hour	Additional : RM70.00/hour				
	2 Dimension							
4	COSY	≤2						
4	6031	>2						
5	HMOC	HMQC	≤2					
5	HMQC	>2						
6	HMBC	≤2	RM100.00	RM180.00				
0	HMBC	>2	Additional : RM20.00/hour	Additional : RM80.00/hour				
7	NOESY	≤2						
	NUEST	>2						
8	NOEdiff	≤2						
0	NUEUIII	>2						