

**LIQUID FT-NMR TESTING &
ANALYSIS SERVICES****For Laboratory Use Only**

Received date :
Ref. no. : NMR/A/20____/
Quotation no. :
Date completed :

APPLICANT INFORMATION

NAME :
SUPERVISOR :
MATRIX NO :
Please (✓) at the relevant box:
☐ RESEARCH ASSISTANT
☐ UNDERGRADUATE / PROJECT STUDENT
☐ POSTGRADUATE (Master/PhD)
☐ OTHERS (Postdoctoral/lecturer)

CONTACT NO. :

EMAIL :

SAMPLE INFORMATION

Sample handling
Please (✓) the appropriate box

☐ Store samples in the fridge
☐ Samples should only be handled in a fume hood
☐ Samples must be handled wearing gloves
☐ Store sample in the freezer
☐ Stench

Other handling instructions or hazard information:

DETAILS OF ANALYSIS

No	Sample code	Experiment Eg: 1D 1H, 13C, 2D HMBC, NOESY	Weight (mg)	Deuterated Solvent	Carcinogenic Yes / No	Toxic Yes / No

Special requirement (if any)

e.g.: The temperature has to be kept constant at 60°C throughout the experiment

CONFIRMATION OF USING THE SERVICE

Applicant signature : _____

Date : _____

FUND INFORMATION

(1) Categories and Credit Limit Eligibility under POPPS

Category	Credit Limit	Application Limit
Undergraduate Student	RM500.00	Once during study period
Postgraduate Candidate - Coursework	RM1,000.00	Once during study period
Postgraduate Candidate - Research/Mixed Mode	RM3,000.00/ year	Three (3) times during study period
Staff	RM3,000.00/ year	Once a year during service

(2) Once the allocated credit has been fully utilized, subsequent instrument usage will be charged according to the prevailing Internal User Service Rate. Please refer to **Chemistry Department Central Facility Website: cenfac.um.edu.my**

(For users who have exceeded their credit limit, please complete the grant details below for internal billing)

RESEARCH GRANT NAME : RESEARCH GRANT NO. :
SUPERVISOR'S SIGNATURE : DATE :
& OFFICIAL STAMP

IMPORTANT INFORMATION

1. Users are required to consult with the laboratory staff before submitting samples for analysis
2. Send in your sample together with the completed application form to FT-NMR staff (Room C017, C014 Block D and FT-NMR Lab, Bangunan Makmal Kimia).
3. The analysis is expected to be completed within 1-2 weeks of receiving the completed form and sample. This timeframe is subject to slot and equipment availability.
4. If there is a request for ^{13}C or 2D experiment, quotation will be issued after performing ^1H experiment.
5. Applicants are required to follow up with NMR staff to collect the result.
6. Students from the Department of Chemistry may request instrument operation training from the laboratory staff. Upon successful completion of the training, users will be permitted to operate the instrument under the supervision of the laboratory staff
7. For the details regarding the instrument, procedure and person in charge of the NMR, please refer <https://cenfac.um.edu.my/>

For any inquiries, please e-mail the Science Officer, Norzalida Zakaria, at norzalida@um.edu.my

Incomplete application form will not be entertained.

Contact person

1. Fateh Ngaliman (Science Officer): 03-7967 7171
2. Sugakumar a/l Varuthan (Assistant Science Officer): 03-7967 7022 ext. 2121/4168 (Bruker AVANCE III 400 & 600 Liquid NMR)
3. Noor Azlin Che Din (Assistant Science Officer): 03-7967 7022 ext. 2123/2539 (JEOL ECX 400 Liquid NMR)

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