

**LIQUID FT-NMR TESTING & ANALYSIS
SERVICE**

For Laboratory Use Only

Received date :
Ref. no. : NMR/A/202__/
Quotation no. :
Date completed :

APPLICANT INFORMATION

NAME :
SUPERVISOR :
MATRIX NO :
Please (☑) at the relevant box:
 RESEARCH ASSISTANT
 FYP 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 SERVICE

Applicant signature : _____

Date : _____

RESEARCH FUND INFORMATION

- (1) For HIR, please issue Journal Transfer Form and complete the form. Send a copy of completed form to NMR laboratory. For Internal Grant (UMRG, PPP, BKP,.) and External Grant (SCIENCE Fund, FRGS)

Please do fund transfer to

| | |
|--------------|--|
| Account | : BUKU PETUNJUK JABATAN KIMIA J-21030-UM.0000003/KWJ.NP.BP |
| Revenue Code | : H724001 |
| Description | : Usage of NMR |
| Amount | : As stated in the quotation or invoice |

- (2) **For latest charge please refer to Chemistry Department Central Facility Website: <https://umcms.um.edu.my/sites/cenfac/index>**
 (3) The print-out Invoice Commitment must be approved by Supervisor and Head of Department.
 (4) Please submit Invoice Commitment during collecting the result.

We agree to make the payment in accordance to the quotation/invoice issued by Department of Chemistry, Faculty of Science, University of Malaya

| | | | |
|---|---|--|---|
| | | | |
| RESEARCH GRANT NAME <i>(IF APPLICABLE)</i> | : | RESEARCH GRANT NO. <i>(IF APPLICABLE)</i> | : |
| | | | |
| SUPERVISOR'S SIGNATURE & OFFICIAL STAMP (COMPULSORY) | : | DATE | : |

IMPORTANT INFORMATION

- 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).
- 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.
- If there is a request for ¹³C or 2D experiment, quotation will be issued after performing 1H experiment.
- Applicants are required to follow up with NMR staff to collect the result.
- 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

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

FT-NMR Lab
Chemistry Department
Faculty of Science
University of Malaya
50603 Kuala Lumpur, Malaysia