

**SCXRD / SCDWXR TESTING &
ANALYSIS SERVICE**

For Laboratory Use Only

Received date :
Ref. no. : XRD/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

Progress notes towards PROPOSED STRUCTURE:

DETAILS OF ANALYSIS

Is this a resolved chiral compound? **YES / NO**

Possible solvate molecules?

Empirical Formula (C, H then in order of atomic no.) :

Molecular volume = Number of non - hydrogen atoms in formula x 20 (approximately) =.....?

For Laboratory personnel use only

Unit cell: a b c α β γ Vol:

Data for archiving: Color: _____ T = _____K Number of molecules in cell, Z = _____

Crystal Size _____ mm _____ mm _____ mm Directory name(s):

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 DSC 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 XRay Diffractometer instrument
 Amount : As per service charge

- (2) Service charge as follow. For **latest charge** please refer to Chemistry Department Central Facility Website : cenfac.um.edu.my

(a) Chemistry user

Equipment	Price (RM/sample/scan)		
	1 sample OR ¼ day slot (8.30am to 1pm)	½ day slot (8.30am to 4.30pm) OR overnight slot (4.30pm to 8.30am next day)	1 day slot (8.30am to 8.30 am next day)
XRD	100	200	300

(b) UM user

Equipment	Price (RM/sample/scan)	Remark
XRD	150	Raw data
	250 - 500	Structure solving

- (3) The print-out Invoice Commitment must be approved by Supervisor and Head of Department.
 (4) Please submit together with the application form.

We agree to make the payment in accordance to the service charge issued by Department of Chemistry, Faculty of Science, University of Malaya

RESEARCH GRANT NAME : RESEARCH GRANT NO. :

SUPERVISOR'S SIGNATURE : DATE :
 & OFFICIAL STAMP

IMPORTANT INFORMATION

1. Must have a single, robust (stable) sample, generally between 50-250 microns in size.
2. Optically clear sample.
3. Data collection generally requires 24 to 72 hours.
4. Twinned samples can be handled with difficulty.
5. Powder and liquid sample are not allowed.

For any queries please contact:

Resource person	Name	Phone	Email
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