

For Laboratory Use Only

**DSC/MCDSC TESTING & ANALYSIS
SERVICES**

Received date :
Ref. no. : DSC/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

Type of samples
☐ polymeric materials
☐ pharmaceuticals
☐ food
☐ pure organics
☐ composite
☐ others

DETAILS OF ANALYSIS

Sample code	Temperature range, °C ¹	Scan rate, °C /min	Decomposition temperature, °C	Element Present

¹ for DSC maximum temperature: 400 °C, MCDSC: 140 °C

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 utilised, 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

- Users are required to consult with the laboratory staff before submitting samples for analysis.
- Samples can be in powder or liquid form.
- Maximum sample weight is 10mg.
- Maximum temperature allowed is 400 °C for DSC and 140 °C for MCDSC.
- Temperature range of analysis can be done from -60 °C until 400 °C
- 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.

For any queries please contact:

Resource person	Name	Phone	Email
Assistant Science Officer	Muhamad Hafizie Muhamad Sofi	03-7967 7022 ext: 2120	fiziekedah@um.edu.my
Assistant Science Officer	Noor Azlin Binti Che Din	03-7967 7022 ext: 2123	azlin_cd@um.edu.my
Science Officer	Muhammad Fauzan Zainudin	03-7967 7022 ext. 2539	fauzan@um.edu.my

FD-L1-28 DSC LABORATORY
CHEMISTRY NEW BUILDING
Chemistry Department
Faculty Of Science
University Of Malaya
50603 Kuala Lumpur, Malaysia