

For Laboratory Use Only

**DSC/MCDSC TESTING & ANALYSIS
SERVICE**

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 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 DSC 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

Equipment	Price (RM/sample/scan)			
	Chemistry Department		Faculties within UM	
DSC	30 (use own pan)	50 (use department pan)	60 (use own pan)	80 (use department pan)

- (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. Samples can be in powder or liquid form.
2. Maximum sample weight is 10mg.
3. Maximum temperature allowed is 400 °C for DSC and 140 °C for MCDSC.
4. Temperature range of analysis can be done from -60 °C until 400 °C
5. Training will be provided upon request. Trained users are fully responsible for the instrument and only allowed to use the instrument with the permission and supervision of DSC staff.

For any queries please contact:

Resource person	Name	Phone	Email
Assistant Science Officer	Muhamad Hafizie Muhamad Sofi	03-7967 7022 ext: 2120	fizekedah@um.edu.my
Assistant Science Officer	Noor Azlin Binti Che Din	03-7967 7022 ext: 2122	azlin_cd@um.edu.my
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