

SOPHISTICATED ANALYTICAL INSTRUMENT FACILITY
INDIAN INSTITUTE OF TECHNOLOGY, MADRAS- CHENNAI 600 036.

Thermal Analysis

User Information

Date:

Name :
Designation :
Affiliation :
Address for Communication :
Phone Number :
Fax Number :
E-mail Address :
Special Instruction :

Certified that the sample submitted belong to the user mentioned above. I agree to acknowledge the usage of the facility in all publications arising out of the Usage of the SAIF/IITM facility. The details of publications will be intimated to the SAIF.

Sample Code : _____ Signature with date
No of Samples :
*Type analysis is required : Low temperature / High temperature
* Nature of Sample : Inorganic / organic / Polymer / Alloy / Geological / others (specify)
(Tick the appropriate ones)
Molecular weight : _____ (if known)
Elemental Composition : _____ (if known)
Heating rate :
Atmosphere : Nitrogen

*Presence of halogens None F Cl Br I
(Tick the appropriate ones)

Temperature range to be measured:
A) High temperature 25 to 500 (heating / heating and cooling)
b) Low temperature -100 to 25 (heating / heating and cooling)

* Exact decomposition temperature of the sample

* Please do not submit samples which are toxic, corrosive, explosive and develop vapour pressure on heating.

Any knowledge of sample reacting with Aluminum / constantan alloy

Note: Items marked * must be completed otherwise analysis may be delayed. DSC can be measured only 20°C below the decomposition temperature of the sample.

Please note that payment for data/spectral measurements is to be made by DD drawn in favor of the Registrar IIT/M and should be enclosed along with this form. All payments should be made either in the form of a local cheque or a demand draft in favor of Registrar, I.I.T., Madras and the payment should be sent to The Head, SAIF, I.I.T., Madras, Chennai - 600 036.

As per the guidelines of the Department of Science and Technology (DST), in all publications of research work, where in the analytical services of the SAIF have been made use of, the DST and the SAIF shall be duly acknowledged. Kindly send the publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc) to us.