

Sant Longowal Institute of Engineering & Technology, Longowal

Distt. Sangrur, Punjab, India -148106

Department of Chemistry

Requisition form for BET Analysis

Sr.No. _____

Date: _____

User belongs to: SLIET Other Educational Institutions Industries

Name & Designation:.....

Name of Supervisor:.....

Department & University/Institution/College:

E-mailID:.....Phone/MobileNumber:.....

Type of analysis: BET Surface Area Isotherm

No. of Samples:.....

Sample Code:.....

Nature of Sample: Metallic/ThinFilm/Ceramics/Polymer/Rubber/Semiconductors/Composite:.....
If others please specify.....

Sample form: Powder/Pellet.....

Size of pellet should be (6mm×6mm)

Hazard/Toxicity (irritant to skin/eyes/harmful to skin/toxic if inhaled/toxic if ingested):.....

Outgassing Method

Outgas temperature	
Rate (degree/min)	
Soaking time	
TGA decomposition temperature	

Signature of User

Recommendations

Name and designation of Supervisor/Head of Department

(_____)

Charge per sample (with GST):No. of Sample:.....Total Amount:.....

Payment received vide receipt no.(cash/DD in favor of Director, SLIET).....Dated.....

Non-Dangerous Material Undertaking Form

I/We undertake that I/We will be held responsible for any damages arising from incorrect information provided by me/us.

I/We agree to acknowledge Department of Chemistry SLIET Longowal for providing (instrument name) analytical facility for my research work, in my publications and thesis.

I/We undertake that all above samples (Sample Code.....)

Fulfills all the below conditions:

- It is not biological toxin.
- Does not contain (dead or alive) bacteria, viruses, fungi and parasites.
- It is not a part of animal testing.
- It is not (and cannot be) hazardous.
- It cannot contaminate equipment/holder.
- It is not radioactive.
- The samples should withstand high vacuum ($\sim 10^{-5}$ Pa). Wet samples can't be done in BET analyzer.

Signature of Applicant

Signature of Supervisor/HOD

Note:

- *All fields are mandatory and should not have kept blank.*
- *Partially filled form and form without office seal will be summarily rejected.*
- *Sample quantity required is 200-500mg.*
- *Before submitting the sample evacuated your sample at 80-90°C for about 10 hours.*
- *Sample must be stable at degassing temperature.*
- *Only one sample per requisition form will be accepted for analysis. After the analysis of one sample, next sample can be submitted.*
- *Please bring FRESH CD ONLY for collection of results.*
- *Used CD's or PEN Drives are not allowed.*