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Surface area measurements- Submission form

Date: _____ FOAPAL: _____

Supervisor/PI's information:

Name:

Phone:

Email:

Signature:

Personal Information of the user:

Name:

E-mail:

Room Number & Building:

Department:

Group:

Signature:

Tel:

Approximate description of the sample(s):

Please provide information (as much as possible) about the sample, without revealing anything that is confidential. If you know the approximate specific surface area (SSA) of the sample, that would also be helpful.

Number of samples: ____; Sample code(s) _____;

Estimated SSA (if the material is known): _____ m²/g;

Amount of sample: _____ grams;

Decomposition Temp. _____ °C; Is the material stable under vacuum Yes/No;

Activation Temp. (up to 300 °C) _____ °C; Activation duration _____ hours;

Notes: If your sample has an estimated specific surface area (SSA) of 10 m²/g, you will need to provide at least 0.1 g (100 mg) to get a good measurement. In addition, in a typical SSA measurements we use N₂ gas at 77K over a reduced pressure, range (P/P₀) between 0 and 1 for physisorption measurements, any other gases required such as Ar and CO₂ will be used only in special circumstances (please contact the manager for discussion prior to analysis or for more details).