

Demonstration & Contract Testing Services

- Sample Submission Protocol -

The following are guidelines for the submission of samples for iGC or DVS analysis:

1. Delivery address:

The samples are to be sent to the attention of the laboratory coordinator/application scientist at the following address:

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2. Amount required

The amount of sample required to carry out the testing varies with the nature of the sample and the instrumental technique used for analysis.

Ideally 0.5g - 2g of sample will be sufficient to allow for preliminary tests to establish appropriate experimental conditions and to be able to carry out reproducibility tests (in the case of iGC).

Note:

For iGC experiments, the amount needed to pack a column ranges between 5mg (for highly energetic materials) and 500mg (for low energetic materials).

For DVS experiments, the amount needed for an analysis varies between 1mg (for highly hygroscopic materials) and 100mg (for non-hygroscopic materials).

Therefore, a minimum of 100mg of sample is required.

3. Material Safety Data Sheets

We request that samples are submitted with the corresponding Material Safety Data Sheets.



For non-toxic samples, a statement of non-toxicity from the customer is required.

Please note that handling and analysis of samples cannot be carried out without MSDS. The analysis is subject to Material Safety Data Sheets (MSDS) being available before sending the samples. SMS reserves the right to apply additional charges or refuse analysis if special safety measures are required.

4. Returning the sample

The remains of samples will be disposed of after completion of the testing unless the customer specifically requires having them returned.

5. Order Form

Before starting any testing, we require a completed Order Form. For contract analyses, please ensure a Purchase Order Number is included with the order. **Please note that the completed Order Form needs to be submitted in any case, even if the analysis is conducted free of charge and no testing can be carried out before the form has been submitted.**

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