

What a smell – or what you always wanted to know on the emission of your products.

The problem:

You are modifying your processes or products and have to prove that no annoying or toxic compounds are emitted at the processing temperature?

Your customers ask you for proof that your product does neither contain nor release chemical compounds such as silicon oil, residues of monomers, or residues of solvents?

Your co-workers complain about bad air at the working place and cast suspicion on the recently renewed flooring or the freshly painted walls?

The solution:

To solve these and similar problems, the Analytik Service Obernbürg are equipped with powerful analysis techniques, for instance with the combination of headspace injectors or thermodesorbers with gas chromatography. As an example, *Fig. 1* shows a device for working place monitoring for the maximum threshold value of chemicals. In *Fig. 2*, plastic samples are seen for the subsequent emission analysis by means of headspace--GC/FID and thermodesorption-GC/MS, respectively.



Fig. 1: Passive sampler.



Fig. 2: Plastic samples.

Depending on the kind and quantity of the sample to be analyzed, and based on many years of experience, the Analytik Service Obernbürg select the method optimal for your problem from a broad spectrum of methods and instruments.

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Industries (A-Z)

Chemistry
Plastics processing
Production

Objectives

Workplace monitoring
Emissions from products

Materials (A-Z)

Plastics
Textiles

Analytical Methods (A-Z)

Chromatography
Headspace GC/FID
Thermodesorption-GC/MS

Related Topics

The advantages:

The Analytik Service Obernburg are an accredited (DIN EN ISO/IEC 17025), independent testing laboratory and participates regularly and very successfully in interlaboratory proficiency tests. This is a guarantee to supply exact results to our clients. On top of that, our chemists are available for a qualified data interpretation and consulting. This is crucial in order to come to a solution of problems possibly occurring.

Interested?

The chromatography group of the Analytik Service Obernburg is ready to answer your questions and to help you.

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Impressum

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