

Interlaboratory Comparison for Olfactometry - 2019



Announcement and invitation to participate

As in previous years, we offer a proficiency test for olfactometry in 2019.

olfasense ::::

Proficiency test accredited since 2005



We invite you to participate in the 2019 proficiency test (PT). This PT will allow your laboratory to confirm compliance to the performance criteria of EN 13725:2003 and is therefore essential for those laboratories that maintain ISO 17025 accreditation.

Participation in the proficiency test satisfies the recommendation of the EN 13725:2003 regarding performance quality requirements: subclause 5.1 General "...Note: *Performance testing is best done in a proficiency test coordinated by an external organisation.*"

Olfasense GmbH has been accredited¹ since December 2011 according to the new standard for proficiency testing bodies, EN ISO/IEC 17043:2010.

The PT allows participating laboratories to ascertain the key performance criteria as defined in EN 13725:2003, specifically:

- precision under repeatability conditions **r**, and
- accuracy **A** for 1-butanol.

To determine these performance characteristics Olfasense shall provide participants with 10 pressurised gas samples with different concentrations of 1-butanol. Participating laboratories will be asked to provide evidence on their laboratory's ability to satisfy the general requirements of EN 13725:2003, such as panel qualification.

In the past years we have been using an external coding institution to double blind your results. The external coding institution will not be used in 2019.

The general data protection regulation (GDPR) requires for such a process relevant effort for fulfilling the legal requirements. This would increase the costs more relevantly which we decided to avoid. With this decision we are able to only raise cost level moderately, even though gas production and logistics raised significantly in costs.

As a result of this decision the participants will send the final results directly to Olfasense. According to our accreditation (ISO 17043) the department for proficiency tests within Olfasense keeps all data fully confidential, which has been ever since successfully audited by our national accreditation body DAKKS.

As in previous years, participating laboratories are encouraged to ensure transparency through appointing an independent observer to witness the conditioning of the samples, the actual olfactometric measurement procedure and the dispatch of the results. In case an observer has been nominated, the name will be mentioned in the individual report with the results for your laboratory.



The PT will be carried out as follows:

- Odour samples will be dispatched to participating laboratories by Olfasense GmbH in disposable pressurised gas cylinders, suitable for safe shipment. From these cylinders, participants will fill their own sample bags, as sample bags are an element of the measurement process.
- Olfactometric measurements will be carried out under normal operating conditions at the regular location of the odour laboratory of each participant, using their own olfactometer, panel members, measurement room and other laboratory equipment.
- The actual measurements will need to be carried out within a given time frame of 5 working days. The laboratories are free to decide whether to perform measurements all on one day or spread over several days.

Time schedule:

- Please confirm your participation by **April 26, 2019** at the latest. (Please note the more economical early registration option on the price list!)
- The measurements for the proficiency test need to be carried out **between June 24 and June 28, 2019**, inclusive.
- Individual results must be sent to Olfasense and received before **July 05, 2019, 22:00 GMT**.
- A report (in digital PDF format), detailing the complete data analysis and conclusions, as well as a performance certificate (hardcopy) will be sent to participants before **September 6, 2019**.

Olfasense GmbH will provide the following services:

- Design, organisation and planning.
- Shipment of the odour samples, one reducing valve, and detailed instructions to execute the PT.
- Data processing and reporting of the measuring results, performance parameters and compliance with EN 13725 criteria for your laboratory only. The report will also include an overview table and a graph chart of anonymous results of all participants. The report will be provided in a digital PDF format and the certificate as hardcopy.
- A certificate of participation including results.
- All documentation in English language.

¹The accreditation applies to the scope listed in the annex of the accreditation certificate

Cost

The participation fees are as follows:

Early registration, before 22.03.2019	2.940,00 EUR
Regular registration, before 26.04.2019	3.190,00 EUR

Please note:

- For each regular 1-butanol sample one pressurised gas cylinder will be provided, the cylinder volume is 1 litre pressurised to 12 bar, yielding approximately 12 litres of sample at ambient pressure. Participants using an olfactometer with a higher gas consumption can order additional batches of cylinders for 1.200,00 EUR per batch 1-butanol.
- VAT (currently 19%) will be charged to participants within Germany and those EU participants who do not provide a valid Value Added Tax registration number.
- Participants from EU member countries who provide a valid Value Added Tax ID number will be VAT exempt from this tax (VAT 0%).
- Shipping charges within the EU are included in the participation fee. Additional shipping charges at cost will be charged to participants located outside the EU.
- Hardcopy printouts of the report are available on request and will be charged with 75 EUR.
- All fees are due in advance.

Application

Please confirm your participation before **March 22, 2019** to obtain early registration benefits, and by **April 26, 2019** at the latest.

Please submit your application using following link:

[PT 2019 Registration Form](#)

Or send your order as hardcopy or fax to:

Olfasense GmbH
Dr.-Ing. Laura Brosig
Fraunhofer Str. 13
D- 24118 Kiel
Fax: +49 431 2201217

Olfasense will confirm your registration with an order confirmation.

We would be delighted with your participation and are looking forward to receiving your confirmation of participation.

Sincerely yours,
Dr.-Ing. Laura Brosig &
Björn Maxeiner



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