

Interlaboratory Comparison for Olfactometry - 2020



Announcement and invitation to participate

Olfasense GmbH has been accredited for performing proficiency tests since 2005, allowing laboratories to confirm compliance to the performance criteria of EN 13725:2003.

olfasense ::::

Proficiency test accredited since 2005



We invite you to participate in the 2020 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 accredited for performing proficiency tests since 2005, and obtained accreditation¹ according to the new standard for proficiency testing bodies, EN ISO/IEC 17043:2010, in December 2011.

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.

Showing to fulfil these performance criteria within a proficiency test is therefore the most powerful statement for you and your clients, unlike e.g. a z-score evaluation, where laboratories compare to each other only.

To determine these performance characteristics, Olfasense GmbH 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.

Participants will send the final results directly to Olfasense GmbH. According to our ISO 17043 accreditation, the department for proficiency tests within Olfasense GmbH 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 certificate with the results for your laboratory.

For generation of the pressurized containers and the analytical measurement of the 1-butanol concentration, a renowned, accredited German subcontractor and proven specialist in highest quality Specialty Gases is used.



The proficiency test 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.
- Samples have to be measured in the order predefined by Olfasense GmbH.

Time schedule:

- Please confirm your participation by **April 28, 2020** 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 22 and June 26, 2020**, inclusive.
- Individual results must be sent to Olfasense GmbH and received before **July 10, 2020, 22:00 GMT**.
- A report and a performance certificate (in digital PDF format), detailing the complete data analysis and conclusions, will be sent to participants before **August 28, 2020**.

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. The report will include an overview table and a graph chart of anonymous results of all participants. The report and the certificate will be provided in a digital PDF format.
- 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 20.03.2020	2.940,00 EUR
Regular registration, before 28.04.2020	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 of 10 cylinders 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 certificate are available on request for free.
- Hardcopy printouts of the report are available on request and will be charged with 75 EUR.
- All fees are due in advance.

Special discounts available

You can earn a 20% if you agree to contractual commitment. The base of this commitment states that a laboratory takes part at least in three EN 13725 proficiency tests organized by Olfasense GmbH within the next five years (2020 - 2024). If you want to take advantage of this opportunity, please let us know via the registration form.

As a special gift for our 15 year's anniversary of accreditation, we offer participants of our 2020 EN 13725 proficiency test the unique opportunity of a discount of 3.190,00€ net on the purchase of a new olfactometer of the TO evolution series before the end of 2020.

Application

Please confirm your participation before **March 20, 2020** to obtain early registration benefits, and by **April 28, 2020** at the latest.

Please submit your application using following link:

[PT 2020 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 GmbH will confirm your registration with an order confirmation.

Benefits from participating in accredited Olfasense GmbH proficiency tests

If you operate an odour laboratory, you'll want it to achieve the highest possible standards. Not only that – you'll want to be able to demonstrate them too.

Olfasense GmbH is a renowned provider for proficiency tests supporting you in this aim.

Olfasense GmbH has been accredited for performing proficiency tests since 2005, allowing laboratories to confirm compliance to the performance criteria of EN 13725:2003.

In comparison to other proficiency test evaluation methods, such as a z-score evaluation, the Olfasense GmbH proficiency test allows participating laboratories to ascertain the key performance criteria as defined in EN 13725:2003, providing a powerful statement for you to foster confidence of the users of your laboratory services.

In addition, Olfasense GmbH is ready to support you in your ISO 17025 audit preparation, as some of our odour experts have been appointed as Technical Auditors of the German accreditation body DAkkS. Participants in our proficiency tests can receive special rates on these services. Contact us to find out more!

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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