



Proficiency Testing Group

proficiency testing provider

Information on proficiency testing programme: interlaboratory comparison of solid biofuels in 2017

Dear employees of test laboratories,

We would like to invite you to our proficiency testing programmes (PT) designed as interlaboratory comparison. The proficiency testing programme is focused on testing laboratories performing solid biofuels analyses.

The proficiency testing provided and organized by Proficiency Testing Group (SZZ), ORGREZ, a.s., represents interlaboratory comparison used for determination of laboratory performance – starting with identification of possible difficulties. Determination of comparability or differences within laboratories, providing higher trustworthy to the laboratory results, through education of employees in the laboratory and ending with validation of declared uncertainty of the measurement. The goal of interlaboratory comparison is to prove proficiency of accredited and non-accredited laboratories including verification of the used uncertainties of measurements.

Proficiency testing programmes

SZZ ORGREZ, a.s. organizes in 2017 following PT programmes:

no.	Type	Field	Programme	Cycle	Name
2	Interlaboratory comparison	Solid biofuels	Determination of ash, sulphur content and calorific value, carbon, hydrogen and nitrogen content	2017	PT/BIO/A,S,Q,C,H,N/2017

The design of the PT programmes in Proficiency Testing Group SZZ ORGREZ, a.s. is based on ČSN EN ISO/IEC 17 043 (01 5264) Conformity assessment – General requirements for proficiency testing. The operation was audited by Czech Accreditation Institute in July 2017. Based on the conclusion stated in the lead assessor's summary report of 26 July 2017 it is to be expected that within a few days we will obtain an accreditation certificate also for this solid fuels PT programme.

Tested entries

There will be a set of five analytical samples of solid biofuels. These samples will be prepared subtracted in accredited test laboratory. Specified share of samples from each set of samples will be verified for homogeneity. Samples with noncompliance for homogeneity will not be approved for proficiency testing. After finishing proficiency testing stability will be verified for randomly selected sets of samples. The analyses for homogeneity and stability will be performed subtracted in accredited test laboratory.

The samples will be distributed by the postal service along with detailed instructions and test forms for test results and additional information. In case of not receiving samples in time according to the schedule, please contact the proficiency testing provider. The samples will be named with unique numeric codes to prevent unfair cooperation or result falsification.

Determination of all qualitative characteristics in all the samples in the PT programme is not mandatory. Participants can use any test methods and procedures according to their choice.

Applications

The only criterion for taking part is to send a complete application and deliver results within the deadline. Please send the signed application and results to the Proficiency Testing Group in Most (SZZ address) or send an email to coordinator.

The application to the proficiency testing programme can be found in the attachment or on the website: <http://www.orgrez.cz/en/services/proficiency-testing/>.

The price for taking part in the proficiency testing programme PT/BIO/A,S,Q,C,H,N/2017 is € 539,- without VAT. The price also includes set of reference material with weight cca 50 g. The price for additional reference material is € 22,- without VAT per sample. The participant will pay the fee to the provider after receiving invoice, which will be sent together with final report on proficiency testing.

Bank account data:

Raiffeisenbank a.s. se sídlem Hvězdova 1716/2b, 140 78 Praha 4

CZK account: 5014033535/5500
IBAN CZ2655000000005014033535

EUR account 5014033543/5500
IBAN CZ0455000000005014033543

Time schedule of PT

Registration of participants:		to: 17.9. 2017
Sample preparation:	from: 18. 9.2017	to: 8.10.2017
Sample distribution:	from: 9.10.2017	to: 22.10.2017
Testing:	from: 23.10.2017	to: 14.11.2017
Delivery of results:		to: 14.11.2017
Statistic data analysis:	from: 15.11.2017	to: 17.12.2017
Distribution of final results:		to: 17.12.2017
Comments, appeals:	from: 18.12.2017	to: 7.1.2018

Evaluation

Statistical methods (particularly z-score) will be used for evaluation of the laboratory performance in accordance with requirements ČSN EN ISO/IEC 17 043. The differences will be compared with standardized values for reproducibility. As a reference value we will use suitable mean, characterising relevant distribution of the value set of results after taking out the outliers.

Proficiency testing results

The results will be included in the summarizing final report. They will be presented with code numbers given to the individual participants. The code of the individual participants are secret, every participant knows only its own number. They will keep the privacy of the results.

Besides this every participant will receive Certificate on participation in the proficiency testing programme and identification of its code.

The participants not coming from the Czech Republic will receive necessary instructions, forms and summarising final report and certificate on participation in English.

Wishing you successful cooperation on behalf of the Proficiency Testing Group

Mgr. Jan Pomahač - Head of the Proficiency Testing Group
Bc. Bohuslava Kroupová - Coordinator of the Proficiency Testing Group
Ing. Štěpán Klimeš – Quality manager of the Proficiency Testing Group

ORGREZ; a.s., Hudcova 321/76; 612 00 Brno; www.orgrez.cz
Ambient Air Monitoring and Fuel Analysis Division, Budovatelů 2531, 434 01 Most
jan.pomahac@orgrez.cz; mobile +420 602 749 810, tel. +420 476 702 785
bohuslava.kroupova@orgrez.cz, tel. +420 476 702 207
stepan.klimes@orgrez.cz, mobile +420 725 956 808, tel. +420 476 702 207