



University of Stuttgart
Germany

University of Stuttgart • ISWA • Bandtäle 2 • 70569 Stuttgart
AQS Baden-Württemberg

To the participants of AQS Baden-Württemberg
and other potentially interested laboratories

**Institute for Sanitary Engineering,
Water Quality and Solid Waste
Management**

AQS Baden-Württemberg

Contact person

Dr. Frank Baumeister, Dr. Michael Koch, Dipl.-
Biol. Biljana Marić, Mirela Kordić

Contact details

Bandtäle 2
70569 Stuttgart
GERMANY
T +49 711 685-65446
F +49 711 685-53769
info@aqsbw.de
www.aqsbw.de

2022-01-14

**Proficiency Tests for the determination of the content of organic
substances in a three-component mixture using NMR Spectroscopy**

Dear Madam or Sir,

AQS Baden-Württemberg in co-operation with BASF SE, Ludwigshafen, is
organising a proficiency test on the above-mentioned topic.

The mixture used in the PT will have the following components:

- 1,2,4,5-Tetrachlor-3-nitrobenzol (> 1 mg / 100 mg)
- 1,2,4,5-Tetramethylbenzol (> 1 mg / 100 mg)
- 2,4-Dichlorobenzotrifluorid (main component)

Each participant will get 1 sample.

The sample mass will be around 200 mg. Samples will be distributed in
screw-capped GC vials.

Dates, deadlines and dispatch

Deadline for registration: 15 February 2022

Dispatch of samples: 15 March 2022

Results submission: 05 April 2022

Dispatch of the samples will be undertaken by courier service. Within
Europe you will receive the samples usually one day after dispatch.

Sample analysis

Participants are free to choose a suitable analytical method.

The samples must be analysed in your own laboratory with your own
personnel and equipment. Subcontracting of the analysis is not permitted.

Bank

Baden-Württembergische
Bank Stuttgart – BW-Bank

IBAN

DE51 6005 0101 7871 5216 87

SWIFT/BIC

SOLADEST600

VAT-No.

DE147794196



Result submission

Details will be provided with the samples.

Evaluation

Evaluation of participants' results will be achieved using a reference value from sample formulation as an assigned value, if possible. Otherwise, a robust mean of participants' data will be used. The standard deviation of participants' data will be used as standard deviation for proficiency assessment.

The usual assessment for z-scores will be used:

$ z \leq 2.0$	successful
$2.0 < z < 3.0$	questionable
$ z \geq 3.0$	not successful

Participation fee

Participation fee will be € 400 plus transportation costs (express shipping from Germany)

Registration

Please use for registration the form provided on our webpage www.aqsbw.de/en.

The deadline for registration is 15 February 2022.

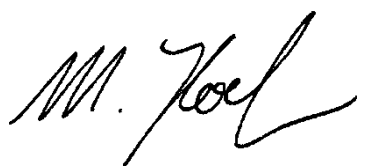
Terms and Conditions

Please note our general terms and conditions of business for the execution of the PT, which can be downloaded from www.aqsbw.de/pdf/agb_en.pdf.

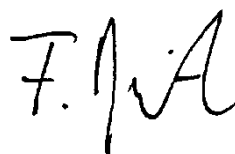
After registration you will receive an e-mail for confirmation of receipt. With a second e-mail we will confirm your application to the PT. If you do not receive one or both of the e-mails, you are not registered.

If you have any questions, please do not hesitate to contact us:
AQS Baden-Württemberg, Bandtäle 2, 70569 Stuttgart, Germany
Phone: +49 711 685 65446
Telefax: +49 711 685 53769
E-Mail: info@aqsbw.de
Contact: Dr. Frank Baumeister, Dr. Michael Koch

Best regards



Dr.-Ing. Michael Koch
Scientific director



Dr.-Ing. Frank Baumeister
PT manager