



Annual report of the Mitteleuropäische Brautechnische Analysenkommission (MEBAK® e.V.) 2019

MEBAK® held two scheduled plenary meetings over the course of 2019 as planned:

The spring session, the 93rd MEBAK® meeting, took place from March 21st to 22nd 2019. This meeting was hosted by the Technical University of Berlin's Department of Brewing on the TU Berlin campus, Seestrasse 13, 13353 Berlin, Germany. The autumn session, the 94th meeting, was held from October 7th to 8th 2019 at the invitation of the Döhler company (Dr. Elsbeth Jülich) at the Döhler headquarters in Darmstadt.

As in previous years, the financial situation at MEBAK® was found to be satisfactory, with expenditures and income in balance. An internal review of the finances yielded no discrepancies. The treasurer was commended by the general assembly.

MEBAK® also welcomed new members:

- Andreas Gahr, BarthHaas Group (Berlin meeting)
- Dr. Philip Wietstock, Technical University of Berlin (Berlin meeting)

The following have left MEBAK® as active members:

- Dr. Elsbeth Jülich, Döhler GmbH, Darmstadt
- Roland Schmidt, NATECO₂ GmbH & Co. KG, Wolnzach

The following were named as honorary members:

- Dr. Elsbeth Jülich, Döhler GmbH, Darmstadt
- Roland Schmidt, NATECO₂ GmbH & Co. KG, Wolnzach

Working Group Online (Dr. Bender/Hansen)

Dr. Gerd Bender handed over the management of the online working group to Matthias Hansen. A contract for the online version of MEBAK® was signed with the publishing house Fachverlag Hans Carl. The online versions of the volumes *Rohstoffe (Raw Materials)*, *Wasser (Water)*, *WüBiBiMi (Wort, Beer and Beer-based Beverages)* will be made available to the publisher in 2020. By the end of 2019, the Fachverlag Hans Carl will select the IT company commissioned to create the program for the database. The same company will also be in charge of redesigning the MEBAK® homepage.

A cloud was installed for all working groups, in which all volumes and revisions can be stored to simplify the work process and updates.



Barley and Malt Analysis (Vorwerk)

The *Rohstoffe (Raw Materials)* volume has been extensively edited in preparation for its release online. For the most part, the volume *Rohstoffe* is ready to submit, since only a few methods remain which have yet to be revised.

The participating institutes have established a new analysis method as part of the Berlin program. The method involves an isothermal mashing process at 65 °C in place of the traditional Congress mashing process. Various scientific bodies have recommended the adoption of this “new” method as a standard method starting in 2020. MEBAK® will not issue any official recommendations in this regard.

Working Group Sudhaus (Brewhouse Operations) (Prof. Dr. Jacob)

A certain degree of alignment with DIN was necessary in order to conclude work on the new MEBAK® guideline *Sudhausrichtlinie (Brewhouse Operations)*. The volume has been printed and an English translation will be published shortly.

Working Group Hopfen (Hops) (Schmidt/Gahr)

The methods were largely made ready for online publication by the end of last year. Since Mr. Schmidt has left MEBAK® as an active member, Mr. Gahr was appointed as the new head of the working group.

Working Group Wasser (Water) (Dr. Ahrens)

The new volume *Wasser (Water)* is intended to provide background information on the legal aspects of water as a raw material. There are significant differences concerning water in the five countries directly involved in MEBAK®.

Working Group Würze, Bier, Biermischgetränke (Wort, Beer, Beer-based Beverages) (Dr. Reil)

A significant number of analysis methods in this volume still need to be revised; however, they should be ready in time to meet the deadline for online submission.

The EBC has notified MEBAK® that it would like to have a licensing agreement with MEBAK® for the EBC methods that are marked as such in the MEBAK® publications, provided that the original text of EBC methods is present in the MEBAK® volumes. In order to determine the path forward in this matter, this will be settled legally.

WG Mikrobiologie (Microbiology) (Dr. Hutzler)



All chapters will be made available for formatting by the end of the year. The nomenclature has been finalized.

Working Group Spezialanalytik (Special Analysis) (Klein)

This working group is currently endeavoring to meet the deadline for online submission.

Working Group Sensorik (Sensory Analysis) (Dr. Zarnkow)

Presently, there is no need to revise any of these methods. The methods have been updated to reflect the new nomenclature.

Working Group GuP (Product Container and Packaging Materials) (Dr. Zürcher)

Products, which are not directly considered to be containers, are presently being removed from the method collection. Much of the volume is still up to date. The revision is ongoing.

Working Group Filtration (Dr. Kreis)

The new guideline for filtration is in the process of being reviewed and corrected. The structure is similar to that of the guideline on diatomaceous earth. This filtration guideline will soon be available in printed form. The volume will also be translated into English.

A handwritten signature in blue ink, appearing to read "F. Methner".

Prof. Dr. Frank-Jürgen Methner

Chairman

A handwritten signature in blue ink, appearing to read "H. Klein".

Helmut Klein

Vice-Chairman

Freising, February 2020