

September 2024

Faculty of Chemistry and Pharmacy
Central Analytical Services, Mass Spectrometry
User Regulations

Dear customer of the MS department of the Central Analytical Services at the University of Regensburg,

Our laboratory is a service facility of the Central Analytical Services of the Faculty of Chemistry and Pharmacy at the University of Regensburg. We offer a chargeable MS service for all scientific co-workers, PHD students and Master students of the Faculty of Chemistry and Pharmacy. In these user regulations you can learn everything about our equipment, our services and whom you can contact if you have any questions. The user regulations are binding for all users. You can find additional information on our website¹.

At the moment, our laboratory is equipped with the following MS systems:

- **Q-TOF 6540 UHD, Agilent Technologies**
- **AccuTOF GCX, Jeol**

We offer the following ionization methods:

APCI, APPI, EI, ESI, LIFDI/FD

Additionally, we offer MS-MS measurements, high-resolution (HR) mass determinations (APCI, EI, LIFDI/FD, ESI) and hyphenation to GC, LC, and TLC.

The operation of the instruments is only allowed for the staff of the MS department. It is not possible to do own measurements. For placing orders, the respective forms have to be used, available at our website². Samples have to be provided as solids in a suitable amount (< 1 mg) and in suitable vessels (Eppendorf-Cup) together with the order form. Solutions are only accepted in exceptional cases under indication of concentration (about 10⁻⁴ mol/L), solvent (MeCN, DCM, EE, EtOH, MeOH, H₂O; **no deuterated solvents, no DMSO!**), and without additives (e.g. buffer). Laborious projects (e.g. screening) can be arranged individually. For questions and additional information, you can consult the staff of the MS laboratory, Ms. Stöfl

¹ <https://www.uni-regensburg.de/chemistry-pharmacy/mass-spectrometry/homepage/index.html>

² <https://www.uni-regensburg.de/chemistry-pharmacy/mass-spectrometry/homepage/service/formulare/index.html>

and Mr. Söllner (Phone 4600, Room CH 32.01.43). For scientific questions and questions related to research projects please consult Mr. Herl (Phone 4033, Room CH 12.2.29) or Prof. Matysik (Phone 4547, Room CH 12.1.84).

The fees for conducted measurements are based on the operating costs and the measuring expenditure. Each year, all costs for consumables and the operating costs of the MS department are summarized and referred to the total number of measurements. Because of that fees may vary. As a reference you can relate to the fees of past years (Table 1).

Table 1: Fees of measurements for members of the University of Regensburg

Year	2020	2021	2022	2023
LR-measurements (€)	4,50	4,50	4,50	4,50
HR-measurements (€)	6,00	6,00	6,00	6,00
Hyphenation (LC, GC) per working hour (€)	13,00	13,00	13,00	13,00

Fees for external customers are charged individually.



Prof. Dr. F.-M. Matysik