

Job title:

Senior Scientist (m/f) LC-MS Impurity Profiling

Your role:

We are seeking for an Analytical Expert (m/f) to join our LC-MS Impurity Profiling team within the central analytics department. Our laboratory works on various mass spectrometry techniques (HR-MS, MS/MS, MALDI) hyphenated to liquid chromatography using (U)HPLC, GPC and SFC for the characterization of modern display and semiconductor materials. The right candidate will be excited by research at the cutting edge of mass spectrometry and highly motivated with a passion for innovation.

In your role as a Senior Scientist you will participate in the analytical support of R&D activities within the business sector Performance Materials. You will develop methods for the Impurity Profiling of Liquid crystals, OLEDs and semiconductor materials. Troubleshooting is one of your tasks. You are responsible for hands-on lab-based activities including experimental design, interpretation and documentation, instrument maintenance and lab infrastructure. You will lead multidisciplinary and/or global analytical projects, writing reports and presenting data to internal customers, as well as literature research and technology scouting for sector specific needs.

Your qualifications:

- PhD in Analytical Chemistry or equivalent with focus on mass spectrometry.
- Hands-on experience in the field of LC-MS, preferably with high-resolution MS systems and the respective software (e.g. XCalibur, Trace Finder, Data Analysis). Publication track record in the field of LC-MS
- Broad experience with sample preparation, chromatography and mass spec, with a special focus in elucidation techniques for unknown chemical structures and experience analyzing experiments using statistical methods and software
- Being a team player with strong communication skills within a global environment and ability to multitask
- Quick understanding for new tasks and topics, curiosity to extend knowledge to new technologies
- Excellent knowledge of spoken and written English is required, a good knowledge of German is an advantage

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Stellennummer: 174584

