



# CHEMICAL ANALYTICS

## QM-SYSTEMS AND EQUIPMENT

### QM-SYSTEMS

As consequence of the different requirements the „Chemical Analytics“ of the Seibersdorf Laboratories has established various QM-systems:

- Accredited testing laboratory according to EN ISO/IEC 17025 in the field of doping control analysis, forensic analysis, environmental and geological analysis
- Accreditation of the World-Anti-Doping-Agency (WADA) for doping control analysis
- GLP for accompanying analysis of e.g. toxicological and ecotoxicological studies and stability testing of biocides
- Certification according to ISO 9001 in the current issue

### EQUIPMENT

The activities of Business Unit Chemical Analytics imply best and most modern equipment. Therefore the following analytical techniques are available:

- LC/MS (Liquid chromatography with mass spectrometry)
- LC/MS/MS (Liquid chromatography with tandem mass spectrometry)
- HPLC with DAD (High performance liquid chromatography with diode-array detection)
- High resolution mass spectrometry (Q-Exactive) for identification of proteins and peptides
- MALDI/TOF/TOF (Matrix-assisted laser desorption ionization with tandem mass spectrometry)
- GC/MS (Gas chromatography with mass spectrometry)
- GC/MS/MS (Gas chromatography with tandem mass spectrometry)
- GC/IRMS (Gas chromatography with isotope ratio mass spectrometry)
- GC/FID (Gas chromatography with flame ionisation detection)
- Gelelectrophoreses with different types of detection
- Head-space (for volatile substances)
- ICP/MS (Inductive coupled plasma with mass spectrometry)
- ICP/AES (Inductive coupled plasma /atomic emission spectrometry)
- Cold vapour-AAS (Atomic absorption)
- IC (Ion chromatography with conductivity detection)
- AOX/POX/EOX-Analyzer
- TOC-Analyzer
- Photometry
- Potentiometric methods



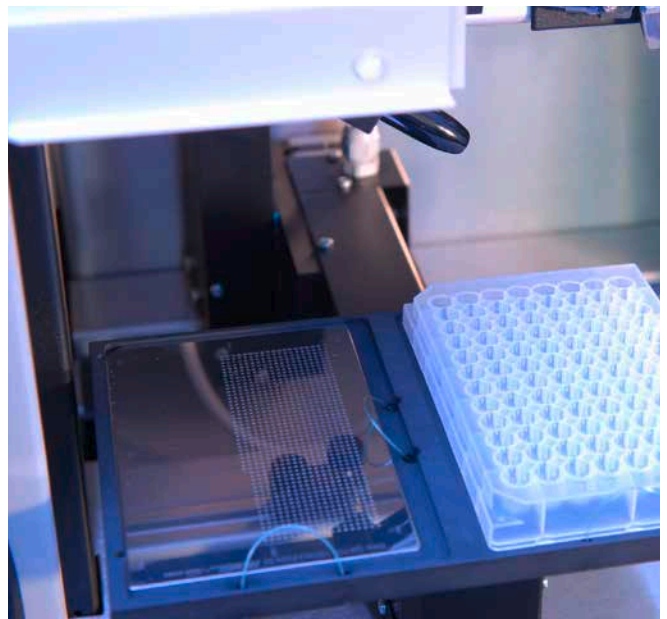
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## THE CHEMICAL ANALYTICS

Our experts are your best address for analytical services of the highest quality. Our areas of competence include

- REACH
- Stability Tests
- Environmental- & Geoanalytics
- Doping Analysis
- Proteomics
- Forensic Analysis
- QM-Systems and Equipment

We provide you with comprehensive service, know-how and technologies of the most recent state-of-the-art.



## CONTACT

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