

R-LAB

CHEMICAL ANALYSIS ACCORDING TO YOUR WISHES



Being a part of the **Regional Centre of Advanced Technologies and Materials** and **Department of Analytical Chemistry** of Faculty of Science, Palacký University in Olomouc, Czech Republic, we develop and validate analytical methods using top know-how, unique and modern instrumentation. An individual approach to each client is our main priority. Since 2015 our laboratory is certified according to the system of Good Manufacturing Practice (GMP).



WHAT DO WE OFFER?

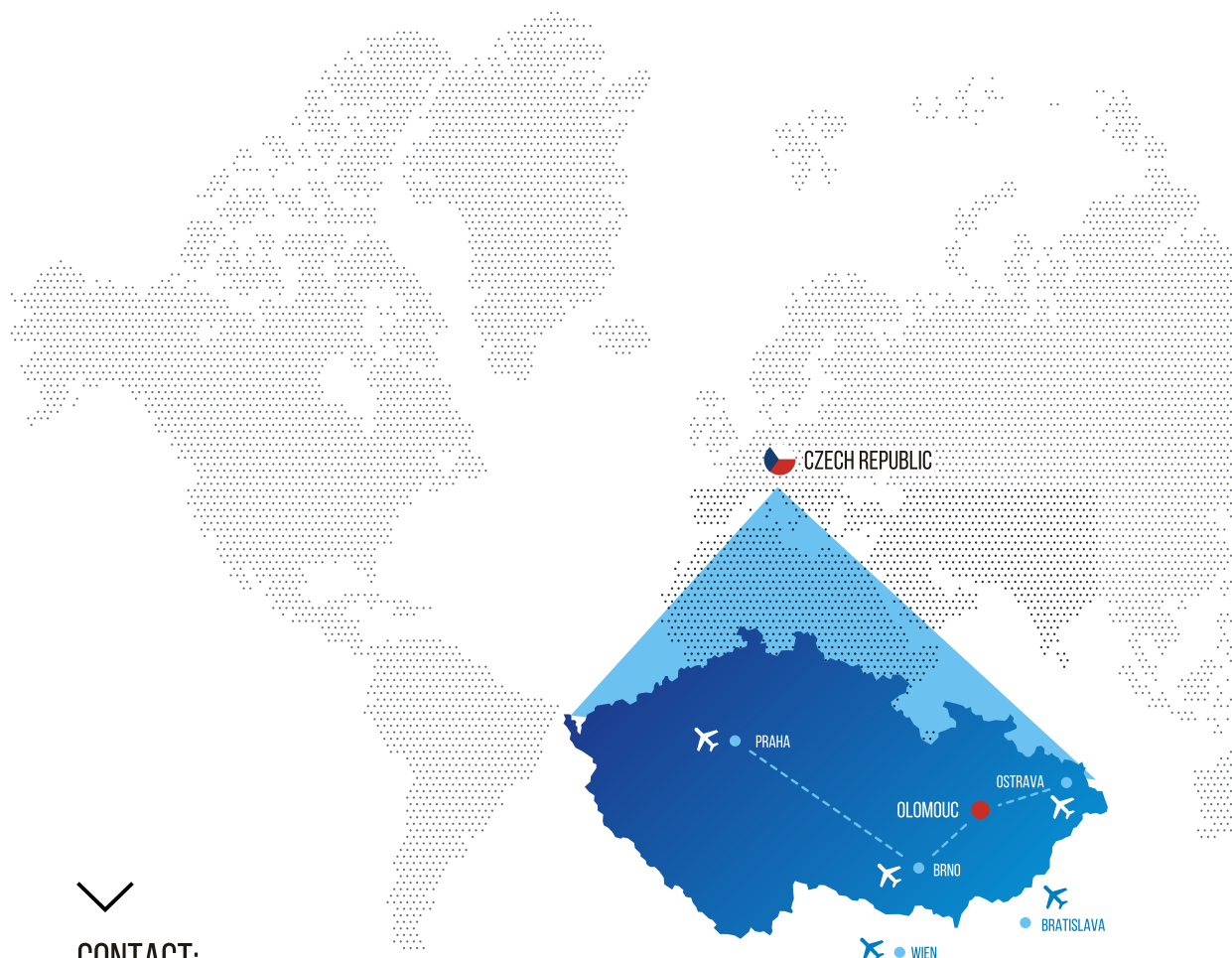
- > Pharmaceutical analysis under GMP
- > Determination of elemental impurities in drugs according to the requirements of the ICH-Q3D guidelines and the United States Pharmacopeia by ICP-MS
- > Elemental analysis at levels from ng/L in various samples
- > Mass spectrometry imaging of elements and small molecules in various samples by LA-ICP-MS and MALDI-MS
- > Speciation elemental analysis by HPLC-ICP-MS
- > HPLC with UV or MS detection for analysis of trace organic impurities in various samples
- > Structure elucidation of unknown impurities
- > Solubility and degradation studies



REGIONAL CENTRE
OF ADVANCED TECHNOLOGIES
AND MATERIALS



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