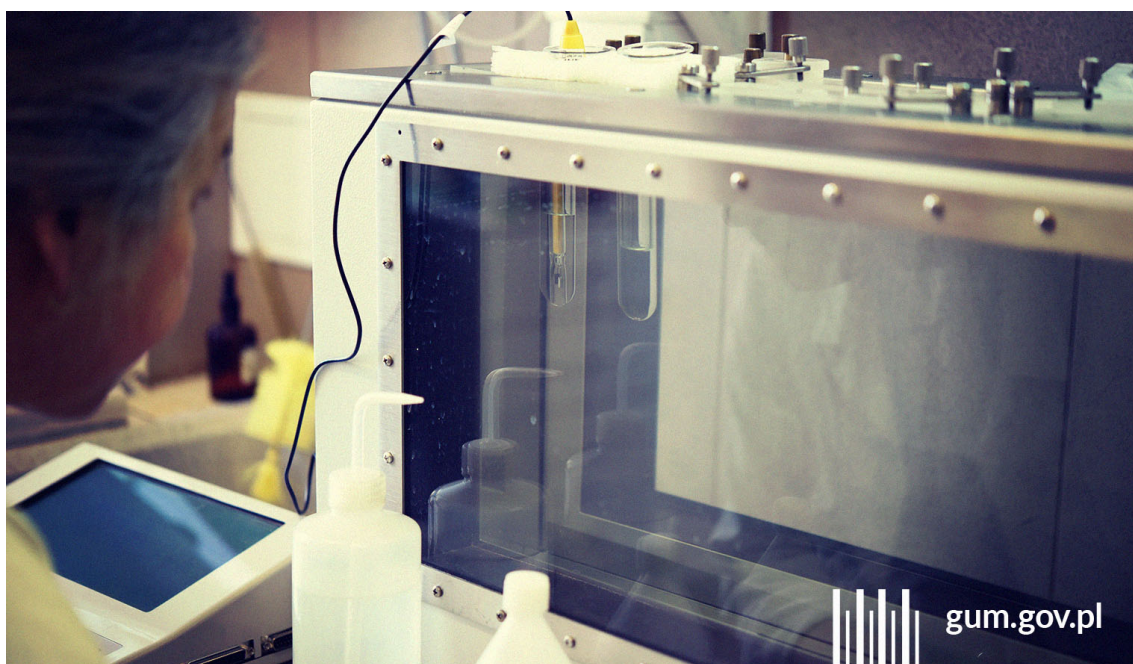


Chemistry

Published by: Adam Żeberkiewicz

Physical Chemistry and Environment Department



Tasks:

- Realization and development of primary methods of measurement and reference materials of highest metrological level providing traceability to SI in chemical and physicochemical measurements;
- Maintenance and development of the national measurement standards and the reference standards;
- Providing traceability in the area of pehametry, conductometry, gas analysis, atomic absorption spectrometry and IR spectroscopy;
- Participation in national and international interlaboratory comparisons;
- Research works on metrology in chemistry.

Services:

1. Calibration:

- gas analyzers and dissolved oxygen meters,
- gas mixtures,
- pH meters, pH simulators and pH electrodes,
- electrolytic conductivity meters and conductivity cells,
- solid wavenumber standards for IR spectroscopy.

2. Certified reference materials:

- primary and secondary reference materials for pH,
- primary and secondary reference materials for electrolytic conductivity,
- primary reference materials for amount of substance content (high purity substances),
- reference materials for atomic absorption spectrometry (ASA).

Contact to the Department:

phone: +48 22 581 94 35, e-mail: chemistry@gum.gov.pl

Contact to Laboratories:

- Temperature - phone: +48 22 581 94 32
- Humidity - phone: +48 22 581 91 47
- Gas Analysis - phone: +48 22 581 94 12
- Electrochemical and Inorganic Analysis - phone: +48 22 581 93 25
- Physicochemical Standards - phone: +48 22 581 94 10