Analytical chemistry spans nearly all areas of chemistry but involves the development of tools and methods to measure physical properties of substances and apply those techniques to the identification of their presence (qualitative analysis) and quantify the amount present (quantitative analysis) of species in a wide variety of settings.
• Physical Methods in Chemistry and Nano Science (Barron)

• Non-Isothermal Kinetic Methods (Arhangel'skii et al.)

• Molecular and Atomic Spectroscopy (Wenzel)
Qualitative Analysis of Common Cations in Water (Malik)

- An Introduction to Mass Spectrometry (Van Bramer)

- Crystallography in a Nutshell (Ripoll and Cano)