Lesson 10.

Solution of the practical problem of detecting "metal poisons" in the mineralizate. Preparation of mineralizate for research. Precipitation of barium sulfate and lead. Analysis of the precipitate for barium ions. Detection of lead ions.

- 1. Instrumental methods of Metals poisons analysis.
- 2. Fractional (chemical) method of analysis "metal poisons".
- 3. Precipitation of barium sulfate and lead. Analysis of the precipitate.
- 4. Lead. Toxicological significance, toxicokinetics, toxicodynamics, mechanism of toxicity, objects of research, method of isolation, detection and quantification.
- 5. Barium. Toxicological significance, toxicokinetics, toxicodynamics, mechanism of toxicity, objects of research, method of isolation, detection and quantification.