

<b>Glassware and equipment</b>	
Lab coat	1 pc
Goggles or glasses	1 pc
Gloves	1 pair
Matches	1 box
Fingertips to handle hot things	1 pair
Beaker, 50 or 100 mL	4 pcs
Beaker, 250 mL	2 pcs
Crystallizing dish or waterbath	2 pcs
Measuring cylinder, 10 mL	2 pcs
Glass rod	2 pcs
Spatula	1 pc
Gas-fired burner with asbestos plate fixed on a stand or electric heater	1 pc
Balances, 0,001 g readability at least	1 pc per 2 students
Paper filters (matching glass funnel)	10 pcs
Glass funnel	2 pcs
Laboratory stand with a ring and clamps	1 pc
Ice	1 kg
Weighing paper or weighing containers	2 pcs
Wash-bottle with distilled water	1 pc
Watch glass for weighing	2 pcs
Drop funnel, 50 mL	1 pc
Mortar with pestle	1 pc
Fume hood (possibility of airing, if hood unavailable)	1 pc
Optical microscope	1 pc per 2 students
Thermometer	1 pc
Laboratory stand with burette clamp	1 pc
Burette, 25 mL	1 pc
Graduated or Bulb pipette, 10 mL	2 pcs
Small beaker to be used under the burette	1 pc
Measuring cylinder, 100 mL	2 pcs
Conical flask, 250 mL	4 pcs
Volumetric flask, 100 mL	3 pcs
Volumetric flask, 500 mL	1 pc
Funnel for filling the burette	1 pc
Beaker for filling the burette, 50 or 100 mL	1 pc
Pipette filler or 3-way bulb	1 pc
Watch glass (to cover conical flask) or funnel matching the flask neck	2 pcs
Pipetter for sampling (e.g. Pasteur pipette)	5 pcs
Petri dish	2 pcs
<b>Reagents</b>	
Sodium chloride, technical grade	200 g
Potassium dichromate	8 g
Sulfuric acid conc. (~94%)	10 mL
Ethanol (96%)	20 mL
Hydrochloric acid (24%)	8 mL
Potassium permanganate	10 g
Oxalic acid	6 g
Phosphoric acid	8 mL
Sodium sulfate	9 g
Sodium carbonate	7 g
Aceton	20 mL
Indicator paper, universal	5 strips
Sodium tetraborate	10 g
Sodium hydrocarbonate	10 g
Sodium chloride	10 g
Agar-agar, 0.1% solution	10 mL
Gelatin	5 g
Fluorescein (or fluorescein sodium salt 1 g or dichlorofluorescein 1 g or dichlorofluorescein sodium salt 1 g or starch 10 g plus diphenilcarbazone 1 g)	1 g