

<b>Glassware and equipment</b>	
Lab coat	1 pc
Goggles or glasses	1 pc
Gloves	1 pair
Magnetic stirrer with heating	1 pc
Stirring bar	1 pc
Fingertips to handle hot things	1 pair
Termometer (0-100 oC)	1 pc
Balances, 0,001 g readability at least	1 pc per 2 students
Weighing paper or weighing containers or watch glass for weighing	10 pcs
Laboratory stand with a ring for funnel and clamps	1 pc
Laboratory stand with burette clamp	1 pc
Pipette filler or 3-way bulb	1 pc
Beaker, 10 mL	1 pc
Beaker, 100 mL	4 pcs
Fglass funnel (dimeter of 8-10 cm)	3 pcs
Funnel for free-flowing substances (dimeter of 5-7 cm)	1 pc
Funnel (dimeter of 15 cm)	1 pc
Glass rod	5 pcs
Burette, 25 mL	1 pc
Graduated or Bulb pipette, 10 mL	3 pcs
Graduated pipette for 2, 5 or 10 mL	1 pc
Small beaker to be used under the burette	1 pc
Funnel for filling the burette	1 pc
Container or vial for 500 mL	1 pc
Measuring cylinder, 10 mL	5 pcs
Measuring cylinder, 25 mL	1 pc
Measuring cylinder, 100 mL	3 pcs
Measuring cylinder, 500 mL	1 pc
Conical flask, 250 mL	2 pcs
Conical flask with stopper, 250 mL	2 pcs
Volumetric flask, 100 mL	3 pcs
Volumetric flask, 500 mL	2 pcs
Volumetric flask, 1000 mL	1 pc
Watch glass (to cover conical flask) or funnel matching the flask neck	4 pcs
Petri dish	2 pcs
Paper filters (matching glass funnel)	10 pcs
Filter paper	10 pcs
Plastic spatula	1 pc
Small spatula for the indicator	1 pc
Spoon or spatula for weighing substances	10 pcs
Cotton	2-3 pcs

Pipetter for sampling (e.g. Pasteur pipette)	5 pcs
Mortar with pestle	1 pc
Wash-bottle with distilled water	1 pc
Crystallizing dish or waterbath for ice	1 pc
<b>Reagents</b>	
Bleaching powder	30 g
Potassium carbonate	100 g
Potassium bicarbonate	100 g
Sodium tetraborate	20 g
Hydrogen peroxide (30-35% solution)	20 mL
Sodium hydroxide	40 g
Sodium chloride, technical grade for coolant mixture	100 g
Ice	1 kg
Potassium bromide	30 g
Mixture of murexide, fluorexon or calcein with sodium chloride (1:100)	1 g
EDTA (0.05 M standard solution)	500 mL
Hydrochloric acid (0.1 M standard solution)	500 mL
Phenolphthalein (1% solution)	1 mL
Iodine standard solution (0.05 M)	500 mL
Sulfuric acid (1 M)	100 mL
Potassium iodide	30 g
Starch	5 g
Sodium thiosulfate	40 g
Distilled water	5 L