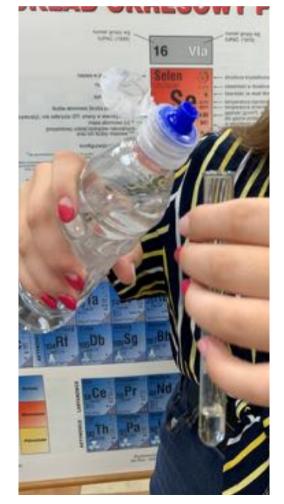




### **European Pedagogics and Nutrition**

## **Detection of chloride ions in water**







# Budapest 24.-28.11. 2019

### EUPENU20.EU

#### Effects of chlorine deficiency (hypochloraemia)

muscle cramps, muscle weakness dizziness, headache, tiredness, problems with memory and concentration.

#### Effects of excess chloride in water on humans organism

regional failure hair weakness, Irritations of the mucous membranes of the eyes, skin irritation, breathing disorder hypertension.



#### Detection of chloride ions in water

- Transfer approximately 5 ml of salt solution and iron (III) chloride solution
- Add a few drops of silver (V) nitrate.
- Observation of the precipitate confirms the presence of chloride ions in the solution.







