



European Pedagogics and Nutrition

Research on quality of water in terms of iron ions content



Budapest
24.-28.11.
2019

EUPENU20.EU

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- ▶ Reagent: indicator Zoolek Aquatest[®] (Fe^{2+} 0–1.5 mg/l), water samples from different sources
- ▶ Lab equipment: water containers

Description of activities:

Fill in glass containers with the samples of tested water

Next add flat teaspoon of the indicator into containers and wait about 5 minutes

Based on colours that appears in the containers, assess the quality of the water according to below conditions:

0–0.1=>good quality of water (standard ion content)

0.25–0.5=> average quality of water (average ion content)

1–1.5=> low quality of water (very high content of iron ions)

