

# **A Study on Physicochemical Parameters of Tap Water in the East Yangon University Campus**

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## **Abstract**

In this study, the determination of eight parameters such as pH, temperature, total dissolved solids, total alkalinity, total hardness, chloride, iron and temperature were analyzed at the Supreme Water Doctor Company, Hlaing Thar Yar Township, Yangon Region. Moreover, the collected water samples were examined under a light microscope at the Microbiology Laboratory, Department of Botany, East Yangon University. Protozoa, zooplanktons and phytoplankton were discovered under the light microscope in the observation materials of the tap water samples. It was found that the tap water samples could be used for household and domestic water purpose.

**Keywords:** Physicochemical parameters, zooplanktons and phytoplankton

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