

Assessment of Drinking Water Quality in Sana'a City (2024-2025): Compliance with Global and Local Standard

Abdo Taher^{*1} and Mohammed Al-Senwi², Ayesha Durrani³, Mohammad Mohsin³

Assistant Professor in Physical Chemistry, Department of Pharmacy¹

Assistant Professor in Biochemistry Department of laboratories²

Faculty of Medical Science Arwa University, Sanaa, Yemen^{1,2}

Dr. Rafiq Zakaria College for Women, Aurangabad. M.S. India³

abdotaheer2000@yahoo.com

Abstract: *Clean, safe, and sufficient freshwater is essential for the survival of all living organisms. Water is indispensable for various purposes, and its quality must be assessed before use. In industrial applications, poor water quality can lead to severe health risks and significant economic losses. Therefore, water quality analysis is crucial for ensuring its suitability for diverse uses. The quality of water is influenced by its source and is evaluated through physical, chemical, and biological parameters..*

Keywords: Sana'a region, drinking water, Physico-chemical parameters

