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### **Physico-Chemical Analysis Of Water Samples Of Mokokchung Town – A Preliminary Report**

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#### **ABSTRACT**

*Assessment of water quality was carried out in the Mokokchung Town of Nagaland which lies in the north-eastern part of India. Few water samples were collected from several sources like ring wells, rivers, streams and ponds. Different water quality parameters like temperature, pH, electrical conductivity, total dissolved solids, alkalinity, total hardness, chloride, fluoride, dissolved oxygen were studied. The presence of different ions like calcium, magnesium, sodium, potassium, nitrate, sulphate and phosphate etc. were measured. On comparing the results it was found that most of the physico-chemical parameters were within the permissible limits as laid by World health organization (WHO).*

**Keywords:** Water quality parameters, Physicochemical study, Mokokchung town.

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