To Determine the Physicochemical Parameters of Sachet Water Near Yobe State University in Damaturu, Yobe State, Nigeria

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ABSTRACT
The physicochemical qualities of six 500ml Sachet water samples vended for drinking near Yobe State University in Damaturu were investigated. The parameters analysed include; pH, temperature, conductivity, alkalinity, concentration of heavy metals like Cu, Fe, Zn, Mn using the WAGTECH international physicochemical water analysis kit. The results obtained indicated that there are considerable variations among the examined sample with respect to their chemical constituents which occasionally fell above the Nigerian drinking water standards as stipulated by the National Agency for Food and Drug Administration and Control (NAFDAC).

Keywords: physicochemical quality, regulatory guidelines, sachet water, parameters, chemical constituents.

INTRODUCTION