

## **Abstract**

*Piliostigma thionningii* (Schumach) Milne-Redhead leaves from Idu Area of the Federal Capital Territory (FCT) Abuja, Nigeria, were collected and qualitatively analyzed for identification of phytochemical constituents. The results showed the presence of bioactive constituents of carbohydrates, glycosides, flavonoids, tannins, saponins, balsams, volatile oil, and terpenes. Phlobatannins, resins, alkaloids, anthraquinones and sterols were not detected. The proximate analysis of the leaves revealed a composition of 9.90% moisture content, 4.62% total ash value, 11.28% alcohol soluble extractive value, 2.50% water soluble extractive value and 0.91% acid insoluble ash value. More research work is recommended on the plant leaves for isolation and characterization of bioactive compounds that may be active against malaria parasites and other diseases.

**Keywords:** *Piliostigma thionningii*, phytochemical screening, proximate composition.