

## Phytochemical and Proximate Composition Analysis of *Aspillia kotschyi*

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**Abstract :** The phytochemical and proximate composition of *Aspillia kotschyi* belonging to Compositae family which is commonly used as medicinal plant in Nigeria was determined on both the Methanolic and Petroleum spirit extract of the plant. The Methanolic extract of the plant revealed the presence of carbohydrates, cardiac glycosides, flavonoids, triterpene, and alkaloids. The Petroleum spirit extract showed the presence of only carbohydrates and alkaloid. Proximate composition analysis shows moisture content of 5.7%, total ash of 4.03%, crude protein 10.94%, fibre 9.06%, fat value 0.83%, and nitrogen free extract of 70.19%. The results of this study suggest some merit in the popular use of *Aspillia kotschi* in herbal medicine.

**Keywords :** *Aspillia kotschyi*, herbal medicine, phytochemical, proximate composition

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