

PROXIMATE COMPOSITION OF SOME SELECTED FRUITS PEELS IN NIGERIA

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Received: 12 May 2021

Accepted: 15 May 2021

Published: 31 May 2021

ABSTRACT

*Fruit is a mature ovary, essential for human diet. Fruits peels represent almost 30 % of the total weight and are of primary by-product. This study aimed to investigate the proximate composition of fruits peels: orange (*Citrus sinensis*), Banana (*Musa paradisiaca*) and lemon (*Citrus limen*) peels. Proximate analysis was done according to standard procedures, fruits peels were removed and analysed for the nutrient content. The result showed the range; lipid content was 6.47 ± 0.02 to 8.31 ± 0.02 %, crude protein was 7.34 ± 0.02 to 8.63 ± 0.08 %, ash content was 7.07 ± 0.17 to 12.54 ± 0.06 %, crude fibre was 11.69 ± 0.09 to 14.27 ± 0.03 %, carbohydrate was 46.42 ± 0.05 to 50.44 ± 0.51 %, dry matter was 80.29 ± 0.11 % to 89.33 ± 0.03 %, and moisture content 10.68 ± 0.03 % to 13.71 ± 0.11 %. Peels contain important nutrient needed for growth and development for both man and animal.*

KEYWORDS: *Fruit, Nutrient, Diet, Peels, Proximate*