**Table 3: Levels of Heavy Metal Contamination in Various Fruits in Southwest Nigeria (2014-2024)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Fruit type** | **As** | **Cd** | **Cr** | **Co** | **Mn** | **Pb** | **Al** | **Zn** | **Hg** | **Ni** | **Fe** | **Cu** | **WHO limit** | **References** |
| 1 | *Carica papaya* | ND | 0.077 | ND | 0.023 | 1.610 | 0.074 | - | 0.056 | ND | 0.113 | - | 0.004 | Exceeded limit. | Ogunkunle *et al.,* 2014 |
|  | *Citrullus lanatus* | ND | 0.004 | ND | 0.015 | 0.340 | 1.760 | - | 0.049 | ND | 0.139 | - | - |
|  | *Mangifera indica* | ND | 0.091 | ND | 0.029 | ND | 1.620 | - | 0.033 | ND | 0.050 | - | 0.005 |
| 2 | *Citrullus lanatus* | - | 0.00 | 0.08 | - | - | 0.00 | - | - | - | 0.75 | - | 0.09 | Cr and Ni exceeded limits | Oladele and Aladesanmi, 2020 |
| 3 | *Malus domestica* | - | 0.035 | 0.300 | - | - | 0.020 | - | - | - | 0.475 | - | 0.180 | Ni and Cr exceeded limits | Omoyajowo *et al.,* 2017 |
|  | *Citrus sinensis* | - | 0.005 | 0.080 | - | - | 0.120 | - | - | - | 0.005 | - | 0.052 |
|  | *Citrullus lanatus* | - | ND | 0.010 | - | - | 0.065 | - | - | - | 0.018 | - | 0.110 |
| 4 | *Mixed fruits* | - | - | 0.24 |  | - | 1.40 | 7.00 | - | - | 0.625 | - | 0.20 | Pb, Ni and Al exceeded limits | Ojezele *et al.,* 2021 |

ND presents ‘Not detected’