



























**Table 7: Result of heavy metals analysis of the bark of *Tetrapleura tetraptera* fruit and their concentrations**

S/N	Element	Concentration in ppm	Permissible limit by W.H.O (ppm)
1.	Zinc	31.309	50
2.	Arsenic	0.955	0.01
3.	Mercury	0.068	0.05
4.	Lead	1.574	10
5.	Cadmium	0.073	1.5
6.	Copper	0.138	2.3

#### 4. Conclusions

The aqueous, ethanol and methanol extracts of the bark of *Tetrapleura tetraptera* fruit have been discovered to possess promising medicinal potentials. From the antimicrobial analysis result, it is observed that the methanol, aqueous and ethanol extracts of the above showed significant activity against *S. typhi* and *S. aureus* and *Pseudomonas aeruginosa* respectively. The seeds showed the presence of a good number of photochemicals which is an indication that they possess medicinal value hence their ability to exhibit antimicrobial activity on the different microorganisms tested. From the proximate analysis, this plant can be use as a source of energy booster, due its high carbohydrates content. Since the percentage of heavy metals present in the seeds are even below the W.H.O permissible limit, therefore they safe for consumption.

#### Conflicts of Interest

The author hereby declares that there is no conflict of interest regarding the publication of this article.

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