

# Review of: "Phytochemical Analysis and Antioxidant Activity of Extracts from *Berchemia zeyheri* — A Swazi Medicinal Plant"

Masuma Akter<sup>1</sup>

<sup>1</sup> Primeasia University

Potential competing interests: No potential competing interests to declare.

Although we appreciate the effort that went into producing this work, this data alone is technically insufficient for a good publication.

There is no mention of any plant authority in the journal's content.

Only a DPPH scavenging assay was performed to check the antioxidant activity, which is not sufficient. My suggestion for the author is to perform at least three scavenging assays to claim antioxidant activity (like the Hydroxyl radical scavenging assay, Iron reducing test, Total antioxidant test, Hydrogen Peroxide scavenging assay).

The IC<sub>50</sub> value of the ascorbic acid is already reported, but in your results, it seems to be too high.

It is preferable to have phytochemical data analyzed using contemporary techniques (GC-MS, LC-MS).

I suggest the author do some biological activities of these plants.