Review of: "Antimicrobial Sensitivity of Plant Extracts of Acacia arabica, Prosopis juliflora, Abutilon indicum, and Bryonia laciniosa on Staphylococcus aureus, Pseudomonas aeruginosa, and Escherichia coli"

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Potential competing interests: No potential competing interests to declare.

Dear authors,

first and foremost, I extend my heartfelt respect for your research and the invaluable contribution you have made to the field of global science. It is of utmost significance that you consider restructuring your study by taking into account the following suggestions, as it holds importance for the future of science and academia.

Suggests:

1- Firstly, in order to ensure the replicability of your antimicrobial study by fellow scientists, the specific strains of bacteria you utilized should be assigned unique codes (example: *Pseudomonas aeruginosa* ATCC 9070, etc.). With these codes, they should be obtainable from an accredited organization.

2- One of the shortcomings of your study is the lack of a detailed explanation regarding the antibacterial mechanisms of plant extracts and solvents (e.g., ROS, etc.). Providing more information on which components are effective against which bacteria or how these extracts operate could enhance the scientific value of your study.

3- There is a complication in the table that is causing confusion; I suggest merging the divided row at the top.

Table 3.4. Zone of Inhibition against Extracts

Plant Extract	Solvent	Bacterial Species (Zone of Inhibition in mm)		
		E.coli	*P. aeruginosa*	*S. aureus*
AALE	Aqs	4	1.5	NZ
	Eth	5	2.2	1.5
AASE	Aqs	3	NZ	NZ

4- In the existing table, the statistical ± values are not discernible. Providing information about the software utilized for statistical analysis would enhance the scholarly rigor of the study.

5- In your study, please specify the surname of the scientist who first scientifically described the organism in the binomial nomenclature of the plants. Additionally, please provide information about the scientist who initially classified it and indicate in which herbarium the specimens are stored.

6- It would be beneficial to shed more light on potential future research directions in your study. Explaining how investigating antibiotic properties can address a significant issue in the community will enhance the scientific significance of your work.