

Review Form 3

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_122436
Title of the Manuscript:	Phytochemical study and antimicrobial activity of various extracts of Merremia tridentata (Convolvulaceae) leaves
Type of the Article	Research

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The article explores the antibacterial potential of a traditionally used plant in Africa, named <i>Merremia tridentata</i> . The authors have also done phytochemical screening and established minimum inhibitory concentrations and minimum bactericidal concentrations. This study is relevant to the current scenario as multidrug resistance is becoming a serious threat to the community. Plant based antibacterial compounds would be helpful in treating such resistant microorganisms.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, appropriate	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The study establishes the antibacterial activity of various extracts of <i>M. tridentata</i> . The scientific experiments carried out are appropriate. However, there are a lot of mistakes throughout the manuscript. Notably, the name of the plant species is not mentioned in "Italics". The experiment is not performed in triplicates and hence statistical tests are not performed. This further weakens the results. The authors have not discussed the results with relevant citations. The antibacterial effect of the plant species has to be discussed with relevance to the Phytochemicals present and authors should also cite any previous studies carried out in the plant	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, discussion part needs more citations.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? No the article needs	grammar check and necessary corrections.	
Optional/General comments The aim of the work is very relevant to the current scenario, However, there are certain flaws that the authors should give attention to. 1)	2) The plant's name is not mentioned in italics 3) The article needs extensive grammar check 4) The experiments must have been carried out in triplicates so that statistical tests can be performed to ascertain the effect of treatment 5) The images of the plates must be added The difference between the effect different solvent extracts on microorganisms must be discussed.	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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