

Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_85641
Title of the Manuscript:	Antimicrobial Property of Microorganisms Isolated from Soil and Water – Body Samples in Ghana
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljamb.com/index.php/JAMB/editorial-policy>)

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	<p>First and foremost, I would want to thank you for your efforts in doing the research. According to what I have observed, this study is required a substantial amount of content, resulting in its insufficiency or incompleteness. In order to make this research as complete as possible, I have a bunch of questions for this research.</p> <ol style="list-style-type: none"> 1. Why did you use Humic Acid Vitamin medium during isolation and screening of the microorganism process? 2. The quantitative effect of colony-forming units (cfu/ml) on culture media is important for comparing samples, testing hypotheses, and discussing the results. Do you have access to the data? 3. Why did you examine solely the supernatant generated from the NB medium in the antibiotic bioavailability test? Why was not a cell suspension experiment included in the study? 4. What was your reason for selecting isolate GKSE? Why was not statistical data used to tend to be more productive? 5. Why didn't you include the GSSC1, HSSA3a, HKSK4b, and HKSK7c isolates, which demonstrated excellent effectiveness in clear zone generation as compared to each pathogen type tested? 6. Only two pathogens were employed in trials investigating the influence of temperature on antibiotic synthesis whereas the GKSE1 isolate was capable of inhibiting four of these pathogens. Why not test against the rest of the pathogens? 7. In experiment of stability of GKSE1 extract in water, Why not test against the rest of the pathogens? 8. In experiment of TLC of GKSE1 extract, Why not test against the rest of the pathogens? 9. Isolation using the 16S rRNA gene is important for species identification; do you have this information? 10. In scientific research, data analysis for statistical reasons is crucial. It will also make the data more reliable. 11. At the very least, you should be able to see the microorganisms that are successful at suppressing pathogens as well as additional pictures such as TLC and the morphological characteristic. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. The sources you used are out of date. There has been a lot of study published that is comparable to yours. You should find out more. 2. Please use true scientific terms while writing. 3. Changing the bar graph to a line graph improves and simplifies the data comparison. 4. Readers can better grasp experimental results if they are illustrated. 5. Your results should be more generalized and discussed. 6. The importance of the research will be increased by discussing the findings. 	
Optional/General comments	<p>This research has a significant number of missing information, which has an impact on the completion of the task.</p>	

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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>	

Reviewer Details:

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