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Journal Name:	International Journal of Pathogen Research
Manuscript Number:	**Ms_IJPR_50958**
Title of the Manuscript:	**ANTIBIOTIC SUSCEPTIBILITY PATTERN OF BACTERIA IN SACHET WATER, SOLD UYO METROPOLIS, AKWA IBOM STATE**
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:

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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	Introduction: Line 20: has (incorrect) Line 21: of (incorrect) Line 22: pipeborne Line 22: populace Line 23: Water is known to be the dwelling place for most bacteria and other microorganisms which cause a variety of waterborne infections [1] and the World Health Organization (WHO) estimated that 1.1 billion of the world's population does not have access to safe water. (Please rephrase Line 26: developing countries (give examples) Line 39: comma Line 39: due to high Line 41: are (incorrect) Line 42: by public Line 42: in which any of the bacteria must not be found or detected in any 100 ml water sample (repharse) Line 43: "Sachet water is not sterile" according to Linda [3]. Line 44: during treatment processes Line 45: but certain organisms are used to confirm the sterility of the water such as coliforms which act as indicator organisms used to assess the safety of water and thus give an idea of the degree of contamination associated with intake of such sachet water [4,5] (Please rephrase) Line 47: is (incorrect) Line 51: almost all Line 51: important Line 53: permits (incorrect) Line 54: New sentence Line 57: biochemicals (incorrect) Line 57: which are (delete) Line 59: due to the fact Line 61: the Line 69: so called (incorrect) Line 69: harbour (spelling) Line 74: the Line 75: a Line 77: monitor or track and prevent Line 78: common Line 79: any Line 81: the Materials and methods: Line 92: comma Line 95: thirty Line 96: part (s) Line 99: so as to (incorrect) Line 99: sample (s) Line 99: the Line 100: methods Line 100: also observed during sampling of the sachet water. (applied) Line 102: section 2.3 Line 118: millilitre	

Comment [U1]: change

Comment [U2]: Sentence is too long. Please rephrase.

Comment [U3]: Such as?

Comment [U4]: Please explain more.

Comment [U5]: Please repharse

Comment [U6]: change to other words

Comment [U7]: spelling

Comment [U8]: chose the best word

Comment [U9]: to

Comment [U10]: applied.

Line 118: appropriate dilution
Line 118: pipette(d), a
Line 119: and this was done (delete)
Line 119: Appropriate medium (Nutrient agar, Eosin Methylene Blue, MacConkey agar, Salmonella-Shigella Agar) at 45^{o}C were poured aseptically into the inoculated petri dishes and swirled gently to mix. (Please rephrase)
Line 122: the count for each plate (delete)
Line 124: Nutrient agar (NA) to determine the total viable bacterial Count, Eosin Methylene Blue agar (EMB) to enumerate *Escherichia coli*, MacConkey agar (MAC) for coliform count and Salmonella-Shigella agar (SSA) for the determination of *Salmonella* and *Shigella* counts. (please rewrite your sentences)
Line 127: Culture media were prepared according to the respective Manufacturers specification and sterilized in an autoclave at 121^{o}C at 15 psi for 15 minutes (delete)
Line 131: Using a fresh nutrient agar medium, 24 hours colonies were picked using a sterile wire loop from the plate and streaked on its surface and incubated for 24 hours at 37^{o}C to obtain pure culture. (please rewrite)
Line 134: space
Line 137: physiological
Line 140: Gram stain is one of the differential stains used to characterize bacteria into two main groups: Gram positive and Gram negative. Gram positive stains blue to purple while Gram negative stains pink to red. (delete)
Line 142: The colony of the pure cultures
Line 145: X100 (incorrect)
Line 146: Bacterial smear (not too thick not too thin) was prepared on the slide using an inoculation loop. This was done by introducing a drop of distilled water on grease-free labelled slide followed by the sample and then smeared, air dried and heat fixed. The slide was flooded with crystal violet staining reagent for about 60 seconds, then washed using a gentle indirect stream of tap water for about 2 seconds. The slide was flooded with a mordant (Lugol's iodine) for 15-30seconds. The slide was decolorized using 70% ethanol for 10 seconds and washed off. Lastly, the slide was flooded with 0.5% counter stain (safranin) for 30 seconds, and then washed using indirect stream of tap water and air dried. A drop of immersion oil was dropped on the stained sample and observed under the microscope.
(Standard procedure, no need include)
Line 160: using
Line 165: was (were), drug
Line 174: incubate(d)

Results:
Line 182: (rewrite the whole section)

TVC were calculated wrongly. Please provide the result for biochemical test for bacteria identification.

Comment [U11]: What dilution?

Comment [U12]: Rewrite the sentences.

Comment [U13]: Please rewrite.

Comment [U14]: ?

Comment [U15]: delete

Comment [U16]: Wrong magnification

Comment [U17]: Standard procedure. No need include.

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Minor REVISION comments		
Optional/General comments	**Overall, this is brief written manuscript. The English proficiency is generally good but there are a lot of unclear sentences. Unfortunately, the manuscript is written too brief. More results should be discussed to give readers more information. The results are wrongly counted and evaluated. No data of bacteria identification is provided. Please make corrections.**	

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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