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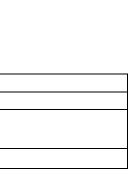
SDI Review Form 1.6

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 <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the highlight that part in the manuscript. It is mandatory that 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: 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	

Created by: EA

Checked by: ME

Approved by: CEO

Version: 1.6 (10-04-2018)

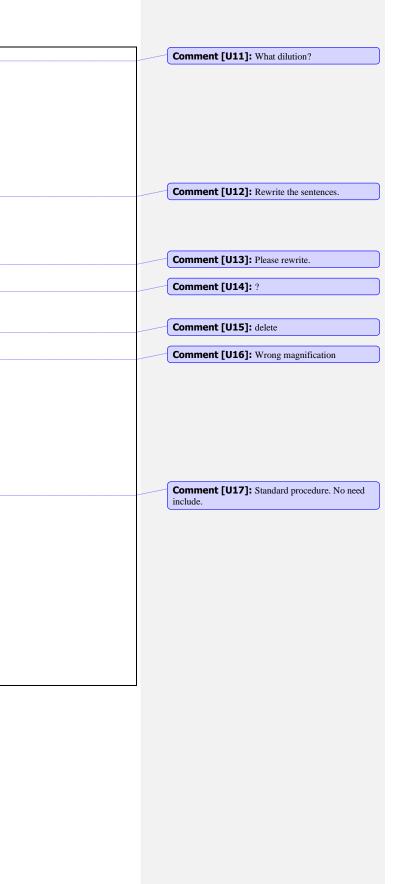


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Line 118: appropriate dilution	
Line 118: pipette(d), a	
Line 119: and this was done (delete)	
Line 119: Appropriate medium (Nutrient agar, Eosin Methylene Blue, MacConkey agar,	
Salmonella-Shigella Agar) at 45°C were poured aseptically into the inoculated 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 <i>Escherichia coli</i> , MacConkey agar (MAC) for coliform count	
Bide agai (EMB) to enumerate Escrenchia con, MacConkey agai (MAC) to contorn 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°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°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.	



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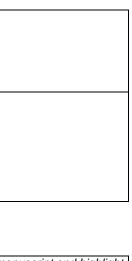
Minor REVISION comments		
Optional/General comments	Overall, this is brief written manuscript. The English proficiency is generally good but there are a lot of unclear sentences. Unfortunately, the manuscript is written too brief. More results should be discussed to give readers more information. The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

PART 2:

		Author's comment (if agreed with reviewer, correct the mathematication that part in the manuscript. It is mandatory that authors show feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Leong Sui Sien
Department, University & Country	Universiti Putra Malaysia, Malaysia



manuscript and highlight hould write his/her