

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Microbiology</a>
Manuscript Number:	Ms_JAMB_128240
Title of the Manuscript:	Microbiological Identification of isolates from salad samples and observing their antibiotic sensitivity pattern.
Type of the Article	Original Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	The studied subject is interesting and fits the objectives and scope of the JAM Journal. This manuscript is important for the scientific community as it provides valuable insights into the microbiological identification of isolates from salad samples, a commonly consumed food item that may be prone to microbial contamination. By analyzing the antibiotic sensitivity patterns of these isolates, the study helps assess the effectiveness of commonly used antibiotics in combating foodborne pathogens. This information is crucial for understanding the prevalence and resistance of harmful microorganisms, such as <i>Salmonella</i> and <i>E. coli</i> , and can inform public health strategies and food safety regulations. Moreover, it contributes to the growing body of research aimed at addressing the rising concerns of antibiotic resistance in the food supply.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Microbiological identification of isolates from salad samples and <b>analysis</b> of their antibiotic sensitivity patterns	

**Review Form 3**

<p><b>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.</b></p>	<p>The summary is comprehensive.</p>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>Abstract part            + Please standardize the fecal coliforms unit as mentioned in the results part and not in MPN as mentioned in the abstract part (The coliform and fecal coliform ranged from &lt;0.4 MPN/gm to &gt;240 MPN/gm)            Introduction part            + ...there's a plausibility of food infection or poisoning to be replaced by <b>there is a possibility of foodborne infection or poisoning.</b>            + Eating a lot of vegetables as portion of a low fat and high fiber diet may offer assistance decrease blood weight, ..... You mean <b>decrease blood pressure</b>, weight,.....            + Among them Salmonellae, Shigellae, and enteropathogenic Escherichia coli are a number of vital enteric pathogens among the coliforms. Among these, <b>Salmonella, Shigella</b>, and enteropathogenic <b>Escherichia coli</b> are significant enteric pathogens.            + For Salmonella enrichment in materials and methods part, 1 ml of the homogenized sample suspension was transferred to SCB, followed by incubation at 37°C for 4 h, ....<b>please be sure 4h or 24h!</b>  <b>+ In materials and methods part, determination of antimicrobial susceptibility...;</b> -Please pay attention to the correct naming of antibiotics in all part of the manuscript, ensuring that the names are written accurately and consistently: <b>Gentamicin not Gentamycin</b>            + Please for Fig. A1, add full name for the following abbreviations (SPC; TCC, TFC, and TSC)            + Results part, Antibiotic susceptibility            According to our results, it was observed that most of the antibiotics were <b>effective</b> against the isolates. <i>E. coli</i> and <i>Salmonella</i> spp. were 100% sensitive to ciprofloxacin, gentamicin, and tetracycline.            On the contrary, gentamycin (90%) and ciprofloxacin (75%) were <b>effective against Staphylococcus</b> spp.            + Please correct the percentage here (50% for <i>E. coli</i> &amp; <b>&amp;0%!!!!</b> for <i>Salmonella</i> spp.)            + Please correct the title errors in the frame of figures Fig.1B and Fig. 2            + Discussion part, please correct this (The presence of the coliform bacteria) <b>coliform</b>  <b>+ Discussion part, The overall occurrence of Salmonella spp. was 28 % among 12 % was in A-category salad and 12% was B category and 4% was C-category salad samples (fig 3). There is only 2 figures!</b>            + Discussion part: But as a developing country, <b>we need to focus on implementing hygiene measures, because frequent and overuse leads to the development of antibiotic resistance.</b>            +please explain why the occurrence of salmonella in sample A was higher than in samples B and C?            + Conclusion part. However, the major limitation of this study was the need for molecular characterization of the isolates.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>Yes, the references are sufficient and recent</p>	
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The manuscript needs language improvement</p>	
<p><b>Optional/General</b> comments</p>		

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

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