



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_44682
Title of the Manuscript:	Antimicrobial activity of biologically synthesized silver and zinc nanoparticles using Allcemilla vulgaris leaf extract
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>Unfortunately there are still main concerns as summarized below.</p> <p>(1) Since authors did the antibacterial test in duplicate, they should show all the values and the error margin when determining the average. Not shown or error margin not practically correct as per significant figure rules; also the colors on the Petri dishes clearly show different statements than author's results.</p> <p>(2) There is a necessity of showing results of pure <i>A. Vulgaris</i> to confirm the findings on nanoparticle effects. Not shown (nothing in Table 1 for example)</p> <p>(3) No reference peaks on XRD pattern? Indices not shown on peaks. Still wrong indices and no labelling, Ag and Zn possess many peaks. Authors should check other published papers and consults XRD senior researchers.</p> <p>(4) Graph axes not visible: authors should make sure that the figures (images) are reflecting everything properly and images should be visible as the original picture Authors should make sure this is changed accordingly so as the images are clearly shown.</p> <p>(5) In results and discussion, "AgNPs and ZnNPs synthesis was found to be successful" should be removed as it is meaningless at the beginning of a discussion</p> <p>(6) A careful consideration of grammar is still required. For example, "Small aggregations were observed in the SEM image" refers to which image since there are 2 of them??</p> <p>(7) "I.e" should be replaced by including (or such as)</p> <p>(8) C⁰ should be written as °C</p> <p>(9) "Also, the concentrations of 0.06 ug/ml and 16.2 ug/ml were sufficient for killing of <i>E.coli</i> O157:H7 using AgNPs and ZnNPs, respectively. Figure 6 and 7 shows the effect of AgNPs and..."</p>	<p>(1) As previously mentioned that studies have been performed with 2 repetitions, but it is clear that they cannot be shown in SEM, FT-IR, XRD and petri image. So, therefore, no adjustment could be made for this suggestion.</p> <p>(2) Reviewer stated that "to prove the effectiveness of the nanoparticles, the findings of the effect of <i>A.vulgaris</i> extract should give but it was not given in the Table". However, this is not true, because, the results of antibacterial effectivity of <i>A.vulgaris</i> plant extract are given in the Table. Table shows that the plant extract is not effective on the studied microorganisms.</p> <p>(3) Reference peaks on XRD were added.</p> <p>(4) All figures were improved as soon as possible</p> <p>(5) Sentence removed from the discussion section according to suggestion</p> <p>(6) Manuscript checked for grammar</p> <p>(7) Abbreviation of ie removed from the text</p> <p>(8) Writing style of °C was checked.</p> <p>(9) Writing style of µl was changed, however, writing style of u symbol had been changed with µl according to reviewers suggestion in first evaluation.</p>