

Review Form 1.6

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_84314
Title of the Manuscript:	Antimicrobial activity of iron oxide nanoparticles stabilized by alginate
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.journaljalsi.com/index.php/JALSI/editorial-policy>)

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)
<u>Compulsory</u> REVISION comments	<ul style="list-style-type: none">- The author(s) are kindly requested to cite recent work (2020-2022) in the introduction section. Most references are not up to date.- Is it possible to determine the particle size of the synthesized nanoparticles using Tem image or the crystallite size using the XRD measurements?- The EDS spectrum reveals the presence of Na and C in addition to Fe and O, the authors should justify the presence of these elements.	
<u>Minor</u> REVISION comments	<ul style="list-style-type: none">- The English of the manuscript can be improved, (proper usage of articles, singular, plural, subject verb agreement) etc.	
<u>Optional/General</u> comments	The authors can compare the antimicrobial activity of the prepared NPs with previous studies and mention the novelty of their work.	

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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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