



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_45799
Title of the Manuscript:	Evaluation of the Anti-Microbial Activity of Zero valent iron nanoparticle synthesized using Aspillia plorizeta extracts
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:

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

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	<p>The authors made Evaluation of the Anti-Microbial Activity of Zero valent iron nanoparticle synthesized using Aspillia plorizeta extracts. However the study is interested, there some factors and points must be addressed before publications</p> <p>1- Why this extract of plant especially used in the synthesis of Zero valent iron nanoparticles.</p> <p>2- 1- All the chemicals used in the investigation should be mentioned with their purity.</p> <p>3-For disc diffusion assay, the following citations must be added:</p> <ul style="list-style-type: none"> Abdel-Rahman, L. H.; El-Khatib, R. M.; Nassr, L. A. E.; Abu- Dief, A. M.; Lashin, F. E., Design, characterization, teratogenicity testing, antibacterial, antifungal and DNA interaction of few high spin Fe (II) Schiff base amino acid complexes, Spectrochim. Acta Part A, 111, 2013, 266 – 276 Abdel-Rahman, L. H.; Abu-Dief, A. M.; El-Khatib, R. M.; Abdel-Fatah, S. M., Some new nano-sized Fe(II), Cd(II) and Zn(II) Schiff base complexes as precursor for metal oxides: Sonochemical synthesis, characterization, DNA interaction, in vitro antimicrobial and anticancer activities Bioorganic Chemistry 69 (2016) 140–152 <p>4- Why dimethyl sulfoxide used as solvent in antibacterial activity?</p> <p>5-What about TEM measurements for the prepared nanoparticles?</p> <p>6- Resolution of figures should be enhanced.</p> <p>7- Why the authors doesn't calculate crystallite size from XRD ?</p>	
Minor REVISION comments	Please revise the language of the manuscript carefully before publication.	
Optional/General comments		



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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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