



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_13712
Title of the Manuscript:	Biosorption of Metal Ions from Aqueous Solution by Immobilized Moringa oleifera Bark
Type of the 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>)



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PART 1: Review Comments

	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>
Compulsory REVISION comments	Where are the experiments with different ratios of polymer? that with pure alginate	
Minor REVISION comments	Abstract: your information is enough but in order to attract the attention of more readers (materials scientists, which are a lot) you can add a sentence telling your product "is an environmentally friendly composite based on bark and alginate" Page 2- the references cited up to line 29 are not necessary Line 52: age of the plant? season of harvest? if you cannot give the final humidity content of bark, mention how many days it was dried at least Line 60: 4% w/w. This should be w/v since you dont know the density of your alginate suspension Line 74: in this section inform if salts were hydrated or write the whole formula of your reagents. Page 111: immobilized oleifera? Figure 2- put 90 as the lowest value in your Y axis. Line 154: add + (plus symbol) to Na Figure 3. rescale Y axis. start from 90 to accentuate the changes Fig 4: rescale.	



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	Line 179. That first sentence is repeated. Delete it Line 182-184: confuse sentence. Rewrite it. Figure 5: it would be useful to express the ion uptake in ppm, not in percentage. this behaviour is likely due to the fact that the bark composite is not saturated yet Conclusion: "indicates that M. oliefera bark which is widely available at low cost can 190 be used as an efficient biomaterial for the removal". Not only the bark. alginate also plays an important role. you should mention the whole bark alginate composite. by the way...where are the experiments with different ratios of polymer? that with pure alginate	
<u>Optional/General</u> comments		

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