



SDI Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_57606
Title of the Manuscript:	Characterization of Water Hyacinth Powder Using FTIR Spectroscopy and the Adsorption Behaviour of Pb ²⁺ , Cd ²⁺ , Zn ²⁺ , Ni ²⁺ and Cr ²⁺ in Aqueous Solution
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/journal/10/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)
Compulsory REVISION comments	<p>The authors did not introduce the subject of use of ftir for the study of adsorption rigorously. Simply they gave concept of exchange of H from the OH group. If this is happening then this fact has to be supported with other data such nature of adsorption process.</p> <p>The authors did not study the kinetic and thermodynamic properties of the adsorption.</p> <p>Adsorption modelling is also not performed, The manuscript is vaguely written.</p> <p>Adsorption process is well established phenomenon occurring between any solid and liquid or gas. Under above circumstances there will be some band shift or disappearance in the ftir, thus not giving reliable data which could be published.</p> <p>I recommend resubmission of the manuscript with major modification.</p>	
Minor REVISION comments		
Optional/General comments		



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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>	

Reviewer Details:

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