

Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_114762
Title of the Manuscript:	Preparation and characterization of ferrihydrite: application in arsenic removal from aqueous solutions
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> It is a good research article regarding the adsorption of As(V) and As(III) using ferrihydrite. However, it is well known that this material has a wide affinity for this type of ions in aqueous solution. Therefore, the authors must indicate the differences between their studies and those previously published regarding this topic. These differences may lie in the way they obtained the adsorbent and the operating parameters of their batch adsorption tests. The title is correct, but it refers more to the preparation and characterization of the ferrihydrite, which is achieved concerning the characterization of the material. However, the methods of obtaining the material should be described in detail in the document. The Abstract needs revision before the article can be published. Observations are marked in the manuscript. The structure and subsections of the manuscript are appropriate. The article is scientifically correct. However, it needs minor revision prior to publication. More updated references should be included in the manuscript; particularly in the Results and Discussion section. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language quality is good in general, but several grammar and spelling mistakes must be corrected. Please revise the manuscript thoroughly before publication.</p>	
<p>Optional/General comments</p>	<p>Specific comments are marked in the manuscript file.</p>	

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

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