

**Review Form 3**

Journal Name:	<b>International Research Journal of Pure and Applied Chemistry</b>
Manuscript Number:	<b>Ms_IRJPAC_122621</b>
Title of the Manuscript:	<b>The influence of acid activation on surface characteristics of natural bentonite</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	These materials have important features such as High specific surface, chemical and mechanical resistance, layered structure, They have high cation exchange capacity. Having these characteristics have caused many uses of soils clay as natural adsorbents to remove heavy metals from It has brought industrial effluents in recent years. This research article can help to remove environmental and ecosystem pollution.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract has written very good and clear. I have no suggestion for this section.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	1- Why did the author of the manuscript use only sulfuric acid in this research work, and it seems that the performance of other mineral acids such as hydrochloric acid and phosphoric acid is also used and the obtained results are placed next to the results of sulfuric acid. 2- Why only samples from Sipovo site were used for practical research. It seems that in order to improve the quality of the research work, the author should also prepare other samples from different regions and put the research report on them in this article. 3- Why is the optimization process only done at room temperature? Here, it seems that the author of the article does optimization at several other temperatures and includes a table titled "Optimization at different temperatures" in his article.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	1-References <b>No. 1, 2, 5 and 6</b> are very old and must be replace with newer references. 2- Given the significance of this research, the current number of references is insufficient; it is advisable to incorporate a greater quantity of both current and relevant literature.	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Nasir Iravani</b>
Department, University & Country	<b>Islamic Azad University, Iran</b>