



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Research Journal of Pure and Applied Chemistry</a>
Manuscript Number:	2015_IRJPAC_17917
Title of the Manuscript:	Adsorption Analysis of Mn(VII) from Aqueous medium using by Activated Orange Peels Powder
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>)



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**PART 1: Review Comments**

	<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><u>Compulsory</u></b> REVISION comments	<p>1-The adsorbent was poorly characterized. SEM, BET, FTIR and pH<sub>zpc</sub> of the adsorbent should be provided.</p> <p>2-The results should be compared with other adsorbents found in the literature, especially activated carbon.</p> <p>3- For all regression analysis: a) To verify the fit quality, only R<sup>2</sup> is not sufficient. At least one error analysis is necessary. b) Linear regression was employed but the models are originally non linear. I suggest to the authors to read the following article: "M.I. El-Khaiary, G.F. Malash, Common data analysis errors in batch adsorption studies, Hydrometallurgy 105 (2011) 314–320."</p> <p>4-Since that the results were not compared with the literature, the conclusions about the effectiveness of orange peels cannot be proved.</p> <p>5-The temperature effect was not investigated and also the thermodynamic parameters were not estimated.</p> <p>6- A detailed kinetic study was not performed.</p> <p>7- A table, comparing the results with the literature is fundamental.</p>	<p>The sophisticated instruments are not available so we can't characterize from other analysis.</p> <p>We have not discussed the effect of temperature in this paper because the removal efficiency of orange peel powder is very less affected by temperature. We have already taken effect of other parameters i.e. metal ion concentration, adsorbent dosage, particle size, contact time and pH.</p>
<b><u>Minor</u></b> REVISION comments	<p>7-The English should be improved.</p> <p>8- Error bars should be inserted in the figures</p> <p>9-Standard deviations should be inserted in tables.</p>	English has been improved.
<b><u>Optional/General</u></b> comments		