



**SDI Review Form 1.6**

Journal Name:	<a href="#">Advances in Research</a>
Manuscript Number:	<b>Ms_AIR_26332</b>
Title of the Manuscript:	<b>Calcium ion binding characteristics of porcine pancreatic alpha amylase outside active site domain and implications: Theory and experimentation.</b>
Type of the Article	<b>Original Research Article</b>

**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>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<p>The manuscript is well-written, and the logic is easy to follow.</p> <ol style="list-style-type: none"> <li>1. In line 4 of the result section of the abstract, "while activation energy <b>was low and higher</b> .....". This expression is confusing; authors need to make it clearer.</li> <li>2. In line 4 of the conclusion section of the abstract, "PPA" should be written in full at its first mention.</li> <li>3. There are lots of punctuation errors that need to corrected.</li> <li>4. In line 92 "If this assumption or postulation is reasonable and applied to the experimental data, ....." The authors need to specify which experimental data they are referring to.</li> <li>5. In line 263, the use of the adjective "so-called" to qualify the soluble potato starch used for the assay suggests that "soluble potato starch" is misnomer. The authors should consider deleting that adjective ("so-called").</li> <li>6. In line 330, authors should either delete "Statistical analysis", or state the statistical test used to analyze their data.</li> <li>7. There should be space between values and their respective units. For instance, in line 364, "2mM" should be written as 2 mM.</li> </ol>	<p>All errors observed are corrected; PPA is rewritten in full correct spelling; so-called is eliminated (the starch is however not a homogenous solution when gelatinized let alone in raw state despite manufacturer's claim-Sigma.)</p> <p>Punctuations were revisited.</p> <p>The data in question is that expected from the current investigation (the reciprocal of apparent rate constant).</p> <p>The statistical activities carried out are included.</p>



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<b><u>Optional/General</u></b> comments	There is need to perform some grammar checks so as to improve the editorial quality of the paper after acceptance.	<b>Grammar</b> is revisited and corrections are effected, without assuming perfection.
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