



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_26332
Title of the Manuscript:	Calcium ion binding characteristics of porcine pancreatic alpha amylase outside active site domain and implications: Theory and experimentation.
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>- In table 1 the value 74.81±21.21 should be verified.</p> <p>- In Lines 551-552: The author should improve the highlighted sentence.</p> <p>- There are mistakes <u>in the form</u> which have to be corrected, like in: "references" in which highlighted terms (in blue) should be correctly written.</p>	<p>Thank you for your effort in bringing my paper closer to perfection.</p> <p>The result is experimentally obtained as applicable to other values as follows: $E_a - RT = \Delta H^\ddagger$; this equation does not need interpretation: $2720 - (8.3413 \times 318.15) = 2720 - 2653.784595 \approx 74.81 \text{ J/mol}$.</p> <p>Other values at different temperatures were obtained in a similar way. Anything apart from that value amounts to fabrication! The sharp decrease is one of such surprises that characterize experimental results.</p> <p>Correction with respect to lines 551-552: Some of the results presented in Table 2 are similar to results in literature while some are different from values reported in the past. The title in that journal was correctly typed as it appeared in literature (Quart. Rev. Biophys.)</p>