

Review Form 1.6

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_93027
Title of the Manuscript:	Higher Intrinsic Rate Constants of Alpha-amylase is Possible if Intrinsic Forward Rate Constant is <input type="checkbox"/> Diffusion limited Rate of Encounter.
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:

<https://www.journalajocs.com/index.php/AJOCS/editorial-policy>

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)
Compulsory REVISION comments	<ol style="list-style-type: none">1. Correct all grammatical errors throughout the manuscript. Improve the standard of English language.2. Page No. 3 - One line is repeated two times, please check and revise accordingly.3. Page No.8 (in methods)- Only Tris HCl is used as a buffering agent to adjust the pH. Why you have not used other buffering agents for the adjustment of pH? Explain at appropriate place in the manuscript.4. Page No.8 (in Chemicals)- Explain the reasons of using only alpha-amylase (<i>Aspergillus oryzae</i>) for this study.5. In results and discussion part, cite reasons with proper explanation that why intrinsic rate constant values were different from the previously reported studies?6. Page No.1 (In Results and discussion line no.4)- Also add the values of rate constants to substantiate your findings here.7. Add brief explanations and values about results reported in the literature. wherever required throughout the manuscript.8. Include an illustration on general mechanism of the reaction between the substrate and enzyme at appropriate place.	
Minor REVISION comments	---	
Optional/General comments	---	

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

Reviewer Details:

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