

Review Form 3

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_124918
Title of the Manuscript:	Applying Henderson-Hasselbalch Equation in pH Determination of Buffer (Acetic acid-Sodium Acetate) Solution at Temperature, 298 K
Type of the Article	Research

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The authors did a thorough job and came to conclusions that can help future research. Overall, this manuscript is a valuable addition to scientific knowledge.	
Is the title of the article suitable? (If not please suggest an alternative title)	No alternative title = pH determination of Acetic Acid-Sodium Acetate Buffer: An Application of Henderson-Hasselbalch Equation at Room Temperature	
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.	Yes It clearly indicates the analytical technique, samples being analyzed	
Are subsections and structure of the manuscript appropriate?	Yes its acceptable	
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.	Overall, the manuscript's scientific correctness and technical soundness make it a valuable contribution to the field of pharmaceutical analysis.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	To enhance the manuscript's credibility and relevance, I suggest updating the references to include more recent publications (2022 or later) that align with the latest advancements in spectrophotometric analysis and pharmaceutical research. Some potential sources to consider: - Recent issues of Journal of Pharmaceutical and Biomedical Analysis - Analytica Chimica Acta - Journal of Spectroscopy - Pharmaceutical Research	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	- Some sentences could be rephrased for better clarity and flow. - A few technical terms might benefit from brief explanations or definitions.	
Optional/General comments		

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PART 2:

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

Reviewer Details:

Name:	Rakesh Uttamrao Shelke
Department, University & Country	Savitribai Phule Pune University, India