

### Review Form 3

Journal Name:	<a href="#">International Research Journal of Pure and Applied Chemistry</a>
Manuscript Number:	Ms_IRJPAC_127054
Title of the Manuscript:	Study of estimation of hardness of water using pH-meter
Type of the Article	Original Research Article

#### **PART 1:** Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (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 manuscript introduces a novelty method of determining the hardness of water using pH-Meter titration. The manuscript is original work of the author, and therefore opens up another window for scientific research in this area of titrimetric. The author has laid out the procedures in determination of the Ca <sup>++</sup> and Mg <sup>++</sup> in hard water, hence making the study repeatable and reproducible.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is very suitable.	
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.	The article is comprehensible with the minor corrections effected and highlighted.	
Are subsections and structure of the manuscript appropriate?	Quite appropriate	
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.	The manuscript is an empirical study that offers a solution to a scientific community problem of hard water. The study offers another refined alternative to hard water determination using the EDTA method of titration. The findings of the studies are reproducible and convey chemical integrity.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are not sufficient for the quality of the research. For textbook references that date can be permitted. But Journal article, the article should be at least from 2014-2024 (10 years)	
<b>Minor</b> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes.	
<b>Optional/General</b> comments	The manuscript is very important for chemical research on hard water. The author is not familiar with APA style of referencing. <b>PLEASE SEE ATTACHMENT</b>	

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**PART 2:**

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

**Reviewer Details:**

Name:	<b>Rev Andy Nyako Moses</b>
Department, University & Country	<b>Lincoln University College, Malaysia</b>