

Review Form 1.6

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| Journal Name: | Chemical Science International Journal |
| Manuscript Number: | Ms_CSIJ_89231 |
| Title of the Manuscript: | Gibbs Free Energy change (ΔG) in Aqueous Dissociation of Benzoic Acid at Temperature 'K' : A Thermodynamic Study |
| Type of the Article | Review 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.journalcsij.com/index.php/CSIJ/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 | 1. In the practical part, the author did not mention the origin of the chemicals used in the experiments, as well as the equipment used. 2.The language of the manuscript needs more improvement | I agree with Reviewer comments and try to do a corrected Manuscript (CSIJ_89231) at all comment points. 1-I checked and edited/corrected to abstract and others manuscript sections. 2- I clarify and corrected/added to introduced three constant K_c , K_a and I , with giving relationship- $\log K_a + 2B \sqrt{I} = \log K_c$ 3- I added one suggested(Smolyakov B. Russian J. Phys. Chem. 1966;15(3):618-622. reference in references sections. 4- I mentioned the chemicals origin (manufacture company) which used in experiments. 5- I checked language/edited/removed of suggested/required part of articles and try to improve it. |
| 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? | (If yes, Kindly please write down the ethical issues here in details) | |