

Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_83444
Title of the Manuscript:	Introducing of Thermodynamic Van't Hoff Equation in Aqueous Solubility and Dissociation Process of Benzoic Acid at Ordinary Temperature Range
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>)

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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	<p>1. Some of the articles cited in the reference section are missing page numbers/journal name/issue numbers.</p> <p>2. The solubility of benzoic acid in water increases with the increase of water temperature. Why do you measure the temperature range is only 16°C to 41°C? Please comment on the methods, results and data interpretation. If there are any occasional factors in the experimental conclusion., you should detail your concerns.</p>	<p>I agree with reviewer's comment and we try to do as Manuscript/Article correction at the following point-</p> <p>1. I revised the manuscript using SI units, in particular replace of all temperature (C) values with appropriate in Kelvin (K).</p> <p>2. I redraw to mislabelled graph/plot (figure 2) using T(K), and, it for manuscript equation # 7 which now will yield correct values with T in K.</p> <p>3. I checked grammatical revision.</p> <p>4. I checked/corrected the cited in the Article references section which was missing page numbers/journal name/issue numbers.</p> <p>5. I have interpreted that the measure of temperature range for solubility of benzoic acid into water.</p> <p>6. I have corrected the objective in abstract section as "six concentration" is replaced by" six concentrations" etc.</p> <p>7. Also, I added One more references to support our finding.</p> <p>Thanks</p>
Minor REVISION comments	Please highlight the limitations and strengths. And is there any application?	
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)	