



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_11796
Title of the Manuscript:	Matrix isolation and computational studies of benzoyl chloride photolysis
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:

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PART 1: Review Comments

	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>
<u>Compulsory</u> REVISION comments	The introduction is weak. The authors should describe the relevance of the work better and also should give a more comprehensive review of the works on photolysis of benzoyl chloride.	The author added the sentences about the photolysis of acyl chlorides in Introduction.
<u>Minor</u> REVISION comments	1) Figure 2 is not clear. Some symbols cannot be seen. The title of the x-axis also cannot be seen completely. 2) Table 2 should have both computational and experimental data. 3) Text in Figure 4 should be larger.	1) The author does not know the reason since the marker and x-axis label are displayed correctly in his display. 2) As suggested, the calculated wavenumbers are added in Table 1. 3) As suggested, font size was altered.
<u>Optional/General</u> comments	The paper is a nice concise work and when the authors address the above comments it should be publishable.	