

## Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_102694
Title of the Manuscript:	High product yield synthesis of nitrogen doped carbon dots through exothermic reaction for temperature sensing and tartrazine detection
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:

<https://www.journalajocs.com/index.php/AJOCS/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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. The manuscript is important for scientific community because it provided a rapid, facile, low-cost preparation approach for the preparation of N-CDs with high product yield (PY).</p> <p>2. The title of the article is suitable.</p> <p>3. The abstract is okay but I will suggest some grammar checking of the abstract.</p> <p>4. The subsections and structure of the manuscript are appropriate but some editing is required in some part as given under my general comments.</p> <p>5. In my opinion the manuscript is scientifically okay.</p> <p>6. The references are sufficient and recent.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. The English quality of the article are suitable for scholarly communications.</p>	
<p><b>Optional/General</b> comments</p>	<p>[1] In the citation of references, there should be space between the last word and the citations.</p> <p>[2] Under Table 1, space is needed between word and unit i.e. ..Detection limit (nM)..</p> <p>[3] Check Reference No. 43, the page of article is incomplete. i.e. ..44(1): 99+...</p>	

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	<p>[4] Space(s) is required between some word and bracket e.g. ...dots(N-CDs)...</p> <p>[5] In Section 2.2, page 3, the last line, remove the full stop after solution. i.e. ...purified solution. and was redispersed...</p> <p>[6] Why the use of grasshopper to get N-CDs? Are there other alternatives to grasshopper like food wastes?</p> <p>[7] In Section 3.5 Determination of TC in real samples. What is the meaning of TC?</p>	
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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:**

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