

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript is important for scientific community as it presents a simple analytical strategy in detecting tartrazine, a widely used synthetic food color that has potential health risks and hazards when used excessively. The study can be a baseline data for the possible development of analytical devices that can be used by the food industry.</p> <p>The title is suitable.</p> <p>The abstract is comprehensive.</p> <p>The subsections and structure of the manuscript is appropriate.</p> <p>The manuscript is scientifically correct.</p> <p>Use following references</p> <p>Li R, Liu Y, Li Z, Shen J, Yang Y, Cui X, Yang G. Bottom-up fabrication of single-layered nitrogen-doped graphene quantum dots through intermolecular carbonization arrayed in a 2D plane. Chemistry–A European Journal. 2016 Jan 4;22(1):272-8.</p> <p>Su K, Xiang G, Jin X, Wang X, Jiang X, He L, Zhao W, Sun Y, Cui C. Gram-scale synthesis of nitrogen-doped carbon dots from locusts for selective determination of sunset yellow in food samples. Luminescence. 2022 Jan;37(1):118-26.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Need to improve the language	
Optional/General comments	Follow author guidelines	

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PART 2:

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

Reviewer Details:

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