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| Journal Name: | [**Asian Journal of Research in Biochemistry**](https://journalajrb.com/index.php/AJRB) |
| Manuscript Number: | **Ms\_AJRB\_134669** |
| Title of the Manuscript: | **SYSTEMATIC EVALUATION OF SIGNS, SYMPTOMS, AND SEVERITY OF TARTRAZINE AND CARMOISINE AZO DYES ACUTE TOXICITY IN ALBINO RATS** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Yes, Using an albino rat model, this publication offers important insights into the acute toxicity of two common azo dyes: carmoisine and tartrazine. The results highlight the need for more stringent safety evaluations and regulatory actions by advancing our understanding of the possible health concerns connected to certain food additives. Public health experts, food safety regulators, and toxicologists can all benefit from this work.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract of articles is comprehensive.** |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Reference are sufficient and recent |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)*  No |  |

**Reviewer Details:**

**Nalawade Dipak Dadasaheb, Dr. Kolpe Institute of Pharmacy, India**