

## Review Form 1.7

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_99097
Title of the Manuscript:	In Vitro Preliminary Phytochemical screening, Acute Toxicity Test and Anti-diarrheal activity of Methanolic Bixa Orellana Seed Extract by Castor oil induced and Magnesium Sulfate induced diarrhea models
Type of the 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.journaljpri.com/index.php/JPRI/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)
<b>Compulsory</b> REVISION comments 1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) 2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title) 3. <b>Is the abstract of the article comprehensive?</b> 4. <b>Are subsections and structure of the manuscript appropriate?</b> 5. <b>Do you think the manuscript is scientifically correct?</b> 6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	1- Yes, this manuscript holds some importance for pharmacognosy field. The findings of this study pave the way for further exploration toward the identification of possible antidiarrheal agent. 2- I recommend changing the title into "In vivo pharmacological evaluation of antidiarrheal activity for the Bixa Orellana Seed methanolic extract". 3- I would recommend that abstract should be more concise and focus on main findings of the study like mentioning P-value of the analysis. 4- The main sections of manuscript look appropriate but I have concerns regarding the subsections of materials and methods. 5- The methodology and results look correct but authors are advised to use mean $\pm$ standard deviation and not standard error of mean. Also, authors are advised to present results as bars' figure. 6- The references look good and sufficient. 7- Authors should be aware that using methanol is totally unsafe in human as it can cause optic nerve damage and blindness. 8- Authors should correct the dose of loperamide in materials and methods from 0.06 mg/kg into 3 mg/kg. 9- During extraction, did the authors use seeds only or seeds and fruits? 10- Authors should mention more details about the phytochemical screening test in materials and methods. 11- Overall, the manuscript writing style can be further improved.	
<b>Minor</b> REVISION comments 1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	Authors should pay more attention to mistakes in grammar, spelling and punctuation.	
<b>Optional/General</b> 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)	

**Review Form 1.7**

**Reviewer Details:**

Name:	Hasanain Abdulhameed Odhar
Department, University & Country	Al-Zahrawi University College, Iraq