Reviewer’s report

Title: Pharmacokinetic and physiological effects of oral DMAA administration

Version: 5  Date: 7 May 2013

Reviewer: Ajit S. Narang

Reviewer’s report:

Overall, this is a well written article and the findings are clearly articulated.

Few minor recommended revisions as follows:

* Title should not include abbreviation, or it should also include the full, expanded name of the compound.
* Line 27, the meaning of the word 'combined' is confusing. Should be rephrased.
* Line 34, what does lag time refer to?
* Line 67, what is the proposed combined effect?
* Line 76, 'Jack3d' should be clarified.
* Line 80, contents of OxyELITE should be clarified.
* Line 86, AUC should be expanded.
* Line 90, which trends?
* Line 110, what was the implication of measuring body fat? How did this factor into the PK calculations?
* Line 119, why specifically cellulose capsule? Was in vitro drug release rate measured?
* Formatting of some references should be improved such as #1, 10, 12.
* Line 161, typo, period after 0.05.
* Statistical significance or lack thereof, is not reported in any figure legends. Which data were subject to statistical analyses?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'