



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Pharmaceutical Research
Manuscript Number:	Ms_BJPR_26262
Title of the Manuscript:	EVALUATION OF MEDIAN LETHAL DOSE AND SUBCHRONIC ORAL TOXICITY ASSESSMENT OF ETHANOLIC LEAF EXTRACT OF PHYLLANTHUS AMARUS
Type of Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>The author(s) have not adequately address the issue on working dose. The "previous experience" mentioned was a work done on the anti-malaria and pancreatic tonic potential of P. amarus from which, I want to believe, an acute toxicity test was carried out and a LD₅₀ was estimated, and a particular dose level (probably 300 mg/kg) was worked with. If this is true, it does not address the issue raised. Actually a fundamental technical error was made by just picking single working dose which is far too low from the LD₅₀. Let it be reiterated, that in Pharmacology and Toxicological studies, the conventional method is; after determining the LD₅₀, 2 to 3 dose levels are usually investigated, with the 3rd dose (highest) not exceeding 1/3rd of the LD50. This is while three dose levels of 300 mg/kg, 600 mg/kg, 900 or 1200 mg/kg would have been technically robust for this study. Author should put this in mind in subsequent studies.</p> <p>I did say earlier that the standard SDI template that I'm familiar with will have numbering for sectional headings, sub-headings and sub-subheadings. These are lacking in this manuscript. Author(s) have not done anything to this effect nor gave reason to why they have not.</p> <p>Except for the above issues, the authors have done well in the revision of the manuscript.</p>	<p>The evaluator is technically very correct regarding the three (3) doses (300, 600, 900 or 1200 mg/kg/bwt) which would have made this study more robust. Authors have indeed, noted this for future designs.</p> <p>Numbering of sectional headings and sub-headings has been incorporated as suggested in line with the SDI template.</p> <p>Authors hereby appreciate the contributions of the evaluators.</p>