



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Research in Biochemistry</a>
Manuscript Number:	<b>Ms_AJRB_43527</b>
Title of the Manuscript:	<b>ELECTROLYTE CONCENTRATIONS IN APPARENTLY HEALTHY INDIVIDUALS AFTER CONSUMPTION OF AQUEOUS EXTRACT OF JATROPHA TANJORENSIS</b>
Type of the Article	<b>Original Research Article</b>

**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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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	<p>The main problem to me is the lack of a real control group. In addition, there is not information about the diet or activity of patients during 14 days of experiment. Differences observed for the ion levels before and after treatment can be dependent on other factors than <i>Jatropha tanjorensis</i> treatment.</p> <p>"The Electrolyte concentration was determined using the ion selective electrode (ISE) machine". What type of machine was used? What number of measurements were made for each patient? What about validation of the method?</p> <p>"Long term effect of <i>Jatropha tanjorensis</i> on electrolyte is yet to be determined." Lack of respective reference?</p> <p>The part. 2.6. is too general. Instead some information about the ISEs used in the presented study could be included. Figure 4.1. Why 4.1.? "....and stimulate digestive enzyme." What enzyme?</p>	<p>The control is the same persons whose samples were collected before the experiment began. When physicians treat patients with drugs, do they not check the development of the individual's based on the initial and the final check after drug administration or they keep other individuals as control group?. The difference may also arise from other sources or factors, not disputable, but why must all follow the same trend as seen in this work. Remember that locally, there is no dose intake by consumers and that at certain levels of intake the s healer can become toxic.</p> <p>Ok. The machine model has been stated. The validation method and number of measurement has been stated.</p> <p>Ok. deleted</p> <p>The model and country of manufacture has been included.</p> <p>Digestive enzyme (a class of enzymes responsible for proper digestion of food intake). I am working on them and as such might not know the specific ones in this case. Remember that it is a supposition.</p>
<b>Minor</b> REVISION comments	<p>"It is recommend that <i>Jatropha tanjorensis</i> consumption which is use for the treatment of diabetes mellitus, cooking of vegetable porridge, fever and treatment of veneral diseases". Medical and non medical applications should be separated.</p> <p>English has to be extensively corrected, e.g.: "All life form require a complex balance..." ":Electrolyte gradient affect and regulate the hydration of the body, blood pH and are critical for nerve and muscle function..."</p>	<p>Ok. Taken care of.</p> <p>OK. I have corrected the language.</p>



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	<p>„a lithium heparinized test tube and lithium heparin anticoagulated bottles”</p> <p>“....and stimulate digestive enzyme.” What enzyme?</p> <p>“Sodium was significantly increased after increased after..”</p>	<p>Ok. Done</p> <p>The language has been corrected.</p>
<b><u>Optional/General</u></b> comments		

**PART 2:**

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