



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_31642
Title of the Manuscript:	Phytochemical Property and Effect of Temperature on Proximate and Mineral Composition of Curcuma longa Linn. Rhizomes Ethanolic Extract
Type of the Article	Short communication

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>)



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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)
Compulsory REVISION comments	The authors should give the English name of the plant and/or traditional names given to the plant within the study area for easy identification. LINE 78: The heading should be "Qualitative Phytochemical Screening " LINE 80: Never begin a sentence with number. Use "A mass of 10g of fresh..." LINE 81: Expunge the word "in summary" LINE 142: What brings about the word "animals" in the statistical analysis? Authors should be sure of the data they input for the statistics! Please, correct. LINE 147: Authors should not use the phrase "appreciable amount" since the phytochemical analysis they carried out is qualitative and NOT quantitative. So, quantifiers such as "moderate amount" and "traces of" should not be used. Rephrase the sentence to "The result of this study showed the presence of alkaloids, tannin, saponin, phenol..." (Effect the same correction on LINE 20) LINE 150: The authors are expected to discuss their study findings, and compare these findings with previous studies. LINE 159: The authors stated that "There was a significant ($P < 0.05$) increase in crude protein, crude fat and ash at 50°C... when compared with room temperature" Ideally, protein denatures when exposed to higher temperatures. This may lead to the decrease in its abundance. What may likely be the rationale behind such discrepancy in your findings? LINE 187: What did the authors used as a yardstick in quantifying the phytochemicals as appreciable, moderate and trace? Expunge the remark column from the table!	
Minor REVISION comments	LINE 10: Remove the word "is" at the beginning of the aim. LINE 12: Remove the italics on the word "rhizomes" unless if it forms subspecies or variety of the plant's nomenclature. LINE 26: Use a comma before the word "while" LINE 40: Write the word "cancer" in lower case. LINE 41: I suggest that authors should replace the word "medicinal effects" with	



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	"medicinal values" LINE 60: Put a space between the plant's Linnaean notation and the word "were" LINES 67-68: Rephrase the second sentence. E.g. "Portion A-D was weighed to a mass of 18 g each of..." LINE 69: Split the sentence into two by putting a full stop at the end of the word "respectively" and paraphrase the second sentence to "A mass of 10g of fresh <i>C. longa</i> rhizome was used as portion E" LINE 70: Use a comma between the words "powder" and "and" LINES 71, 82, 87, 88, 90, 91, 94, 95, 97 and 120: Symbols of units are not pluralized. Replace the unit "mls" by "ml" LINES 74, 82, 85, 87, 94, 108, 112 and 116: Replace the word "grounded" with "ground" LINE 86: Replace the word "phlobatanins" with "phlobatannins" LINE 101: What is the basis of using two different methods (Mayer's and Wagner's) in the detection of alkaloids? If the authors are comparing the efficiency of the two methods, then, why the comparison is restricted to only one phytochemical? LINE 136: Put the equipment's brand name, manufacturer and country in parenthesis. Remove the word "produced by" LINE 158: There should be a comma between the words "allergic effects" and "analgesic" Line 175: The address of the table should be written in Arabic numerals as it appears in the legend of the tables. LINE 195 and 204: To justify n=2, give the statement of using duplicate samples in the material and method section. LINE 201: Put a space between "composition" and "of" LINE 226: Complete reference No. 5. Write the topic of the article. LINE 215-267: Check your reference list. You can only use <i>et al.</i> if the number of authors is more than 8. Refer to the author's guidelines section of the journal.	
Optional/General comments	Interesting study, but the discussions of the results is poorly organized. The manuscript suffers from punctuation and technical errors.	

Reviewer Details:

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