

Review Form 1.6

Journal Name:	Asian Food Science Journal
Manuscript Number:	Ms_AFSJ_78586
Title of the Manuscript:	Effects of different extracting solvents on non-phenolic phytochemical profiles of some Nigerian spices and spice-treated foods
Type of the Article	Original Research 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.journalafsj.com/index.php/AFSJ/editorial-policy>)

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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)
<u>Compulsory</u> REVISION comments	<p>1. Title: It is recommended to write "selected Nigerian species" instead of "some Nigerian species"</p> <p>2. Abstract:</p> <ul style="list-style-type: none">• Please include place and duration of the study as well as methodology. The most important partsthis research should be briefly and clearly indicated.• In the sentence specifying the highest yield in methanol extracts please include 0.96 %. <p>3. Introduction:</p> <ul style="list-style-type: none">• Since specific paragraphs from “Results and discussion” section need to be moved to the Introducthis section needs to be significantly shortened. Please include only most important facts relatedthe topic of the article.• In the end of this section, explain the aim of the research in one to two sentences. <p>4. Material and Methods:</p> <ul style="list-style-type: none">• Please include place and duration of the study for example: “The study was conducted between stating when and where.• It is not enough to state how all reagents are analytical grade. Please include the names of the manufacturers.• In the section “Determination of alkaloid content” please correct the first sentence. Instead “The alkaloid content was determined using the gravimetric method of [16].” please write “The alkaloid content was determined using the gravimetric method by Harborne [16]”. Please do the same in first sentence in section “Determination of phytate content”.• In section “Determination of oxalate content” please mark the equation with the number [1]. <p>5. Results and discussion:</p> <ul style="list-style-type: none">• In the first paragraph of this section instead “Methanol (95%) maintained highest yields..” better term would be “was the most suitable”.• The second paragraph in this section starting with “The solvents are all...” should be shortened. Include aqueous mixtures of specific solvents in brackets without constant repetition. For example: ethanol (70, 80, 95%), methanol (70, 80%) etc.• In this section it is only necessary to present the results and discuss them. <p>3.2.1. Alkaloid</p> <ul style="list-style-type: none">• Please remove the last paragraph beginning from “The presence of alkaloids in plants...” It doesn't belong in Results and discussion section. You can move it to the Introduction section but select the most important facts.	

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	<p>3.2.2. Oxalate</p> <ul style="list-style-type: none">• Please remove the last paragraph beginning from “The oxalic acid content of vegetables...”. It doesn’t belong in this section. You can remove it to Introduction but select the most important facts. <p>3.2.3. Saponin</p> <ul style="list-style-type: none">• Please remove the last paragraph beginning from “Saponins possess carbohydrate...”. It can be also placed in Introduction section but select the most important facts. <p>3.2.4. Phytate</p> <ul style="list-style-type: none">• The last two paragraphs in this section should also be placed in Introduction. It needs to be significantly shortened and mention only the most important facts. <p>3.3. Phytochemical composition of cooked spice-treated food extracts</p> <ul style="list-style-type: none">• Last two sentences from this paragraph also belong to Introduction. Please remove it.• Table 3. - N.D. - it may be more appropriate “not detected” instead “not determined”• Below all Tables, all text should be with superscript lowercase letters according to Guidelines for authors.	
Minor REVISION comments	<ul style="list-style-type: none">• The text has a lot of typos that need to be retyped. Although the text is understandable, some sentences are unclear and grammatically incorrect and authors need to check it with a professional.• Please refer to Guideline for Authors to correct certain parts of the text that do not comply with the instructions.	
Optional/General comments	The research is interesting, informative and fits the scope of the journal. There are specific areas that should be corrected before suitable for publication.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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