



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_48128
Title of the Manuscript:	Investigation of Antioxidant, Antimicrobial, Tyrosinase Inhibitor, Cytotoxic Activities Phenolic Profile of <i>Isatis cappadocica</i> subsp. <i>alyssifoli</i> and Evaluation of The Plant's Applicability in The Pharmaceutical Field
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:

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

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	<p>Revise the title of the manuscript to "Evaluation of Antioxidant, Antimicrobial, Antityrosinase and Cytotoxic Potentials of <i>Isatis cappadocica</i> subsp. <i>Alyssifoli</i> as a potent pharmaceutical resource"</p> <p>The word highlighted in red are to be verified and the ones in yellow were corrected.</p> <p>The instruments used were not all listed.</p> <p>50 grams could not have been enough for the studies. Perhaps what is the percent yield of the extract if only 50g was immersed in 500ml methanol?</p> <p>First write in full before the abbreviations: HPLC, DAD, MTT.</p> <p>How were the antioxidant capacities (FRAC, CUPRAC, DPPH AND Total phenolics) calculated after spectrophotometric readings?</p> <p>The antityrosinase activity procedure should be more descriptive. How about stating this concentration highlighted in red in the line 174 "varying concentrations of kojic acid solutions".</p> <p>Give information on the MIC and IC50 determination. There are tables (4 and 5) in the results section that reported them. There method are lacking in the materials and methods section.</p> <p>There should be a stated approach to show how the data were analyzed and presented.</p> <p>Maintain the same significant figure in all the data. See table 1</p> <p>Take each table and figure to the results section just where you interpreted them.</p> <p>For reference of these natures: Karakoca et al. (2013), Miceli et al. (2017), Mohn et al. etc. SEE the Authors guideline.</p>	<p>Thanks for your nice thoughts.</p> <ol style="list-style-type: none"> 1. The title was corrected as desired and painted yellow. 2. Required corrections in text were made. 3. All instruments used were listed and highlighted. 4. 50 grams were enough for the our studies. Our previous work was added as an example (Kanbolat S., Korkmaz N., Sener S.O., Badem M., Ulas Colak N., Abudayyak M., et al., "Antioxidant, Antimicrobial, Cytotoxic, Anticholinesterase, Antityrosinase Activities and Characterisation of Volatile Compounds of Verbascum oocarpum by SPME and GC-FID/MS", Journal of Pharmaceutical Research International, vol.24, pp.1-12, 2018). 5. All abbreviations checked and corrected. 6. Calculation of antioxidant capacities was added and painted yellow. 7. Corrections were made on the antityrosinase activity procedure and painted yellow. 8. Information about MIC and IC₅₀ was given and corrections were made to the tables. 9. Required corrections in text were made. 10. Required corrections in text were made. 11. Required corrections in text were made. 12. References corrected properly in the text. 13. The conclusion of the study has been added to revised paper. 14. All results were re-checked and required corrections in text were made.



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	The conclusion is poorly written. Make it precise and lucid.	
Minor REVISION comments		
Optional/General comments	Attend to the raised issues and fix the grammatical errors.	The corrections were made appropriately and the text reviewed.

PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<u><i>(If yes, Kindly please write down the ethical issues here in details)</i></u>	There are no ethical issues in this manuscript.