



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_47745
Title of the Manuscript:	Antifungal activity of essential oils of cinnamon, clove, thymes, <i>Zataria multiflora</i>, cumin, and caraway on <i>Aspergillus ochraceus</i> CBS 263.67
Type of the Article	<u>Original Research Article</u>

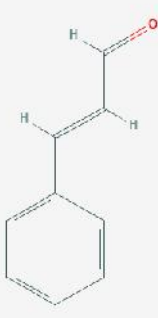
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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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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	<ul style="list-style-type: none"> • Introduction: clear and argumentative. • Material and methods • The strain used in this study, <i>A. ochraceus</i> CBS 263.67, was prepared by the Westerdijk Fungal Biodiversity Institute. (How ? a description in more details is welcome) The essential oils used in this study were obtained from Magnolia Company (Saveh, Iran), Barij Essence (Kashan, Iran) and golghatrehtos (Mashhad, Iran) with a purity of over 90% (How can the authors affirm the correct botanical classification of each species ?). • Determination of mycotoxin by HPLC • To this end, a HPLC Waters e 2695 equipped (United States) with a fluorescence detector 2475 and Chromolith® columns (4.6 mm column diameter, 20 cm column length) were applied for this purpose. The column temperature was 50 °C with a reversible phase of acetonitrile/methanol, a 150 µL injection volume and a total run-time of 9.5 minutes. • Validation parameters of this method ? • Determination of compounds of essential oils with GC • Where come from this analytical method ? It simply appear. • Results: very interesting ! • Table 11: Chemical composition of essential oils how can you affirm , that your GC method and all conditions are the best for your study ? <div style="text-align: center;">  </div> <ul style="list-style-type: none"> • Source: PubChem Name ? is it relevant to show ? • URL: https://pubchem.ncbi.nlm.nih.gov • From Fig 3 to fig 7 are missing more information. What I can do with these chromatograms ? 	<ul style="list-style-type: none"> • Thank you • Material & methods • About the strain: My supervisor, Bitia Asgari, creator of Iranian fungal culture collection exchanged with Westerdijk fungal biodiversity institute. • When buying the used essential oils from companies, we asked them for certificate such as GC/MS analysis. • Determination of mycotoxin Validation method was added in paper. • Determination of compounds of essential oils with GC Analytical method was corrected. • Name of compound was added. • Table 11 • About fig 3 to 7, main component of essential oils was added on this figures. • Fig 8 and 9 was modified. • Figure 10: calibration curve of ochratoxin standard was used and our result confirmed with it. • Conclusion was improved. • References was updated. • The fig of cinnamaldehyde merge with fig2.



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	<ul style="list-style-type: none"> Fig 8 and 9 are very dark and with a very low resolution. Figure 10: The result of HPLC confirmed the presence of the mycotoxin producing gene and the production of toxin by the <i>A. ochraceus</i>. How can you confirm that ? Only with retention time and fluorescence ? Conclusion: modest, please improve it! References: they are relevant, but the more recent are from 2016... please , do an update. 	
Minor REVISION comments		
Optional/General comments		

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>	No, this article don't have the ethical issues.