



SDI Review Form 1.6

Journal Name:	Biotechnology Journal International
Manuscript Number:	Ms_BJI_47416
Title of the Manuscript:	Screening, Production and Partial Characterization of a Novel Thermostable Laccase of Trametes sp. Isolate B7 with Biotechnological potentials.
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:

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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	<p>The objective of the work was to select, produce and partially characterize a new thermostable laccase from <i>Trametes</i> sp., It is an interesting topic, however, the partial purification method using ammonium sulphate, only allows the precipitation of proteins, and the result is a crude protein extract that, although it includes possible laccases, does not present them exclusively and in the end what has been characterized is the behaviour of this enzymatic group, not that of the laccases. For this reason, it is not possible to ensure the effect of pH or temperature on the activity and stability of the laccases.</p> <p>It is also not possible to assure that the discoloration shown by the enzymatic extract is due absolutely to the laccases, especially when in the tests carried out in the present study, they show that at the same time some other enzymes of an oxidative nature are being produced that can also be contributing to the discoloration of the dyes.</p> <p>In any case, the study shows the potential of extracellular protein extract of <i>Trametes</i> sp B7 for the discoloration of dyes for industrial use and for the production of laccases and peroxidases. No elements are shown to ensure the presence of a new laccase, or its catalytic characteristics.</p>	
Minor REVISION comments	<p>It is necessary to check English, some symbols such as the Celsius degrees and the spaces within the document.</p> <p>Section of introduction, line 9. The reference [4] mentioned electron paramagnetic resonance and ultraviolet-visible spectroscopic, not only ultraviolet-visible spectroscopic.</p> <p>Review the activity units on the figure 2.</p>	
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>	

Reviewer Details:

Name:	Alba Mónica Montiel González
Department, University & Country	Universidad Autónoma de Tlaxcala, México