



## SDI Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Research in Botany</a>
Manuscript Number:	Ms_AJRIB_50878
Title of the Manuscript:	CONTRIBUTION TO THE STUDY OF LEAVES : AZADIRACHTA INDICA A. Juss (MELIACEAE) : EVALUATION OF THE ANTIOXIDANT ACTIVITY
Type of the Article	Short 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)
<b>Compulsory</b> REVISION comments	The research work clearly explained the antioxidant activity on the leaves of <i>Azadirachta indica</i> by using DPPH, FRAP and NO methods. The results of the anti-radical activity on the radical DPPH. show that at all concentrations tested, the two extracts have antioxidant activity and they are able to trapping the radical DPPH. The highest activity is observed at the concentration of 200 mcg / ml with a percentage inhibition of $97.95 \pm 0.17\%$ for both extracts. The results of FRAP method show that the two extracts of <i>Azadirachta indica</i> have a $Fe^{3+}$ reducing activity at $Fe^{2+}$ at the concentrations tested and fixing the NO radical remains low for both extracts as inhibition percentages do not reach 50%. The antioxidant activity present in both extracts of <i>Azadirachta indica</i> could be related to its chemical composition including flavonoids, polyphenols and tannins. So the research work proved the anti oxidant potential of the <i>Azadirachta indica</i> and its pharmacological importance.	I have no comment to make at this level
<b>Minor</b> REVISION comments	-	
<b>Optional/General</b> comments	The paper is recommended 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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details) <b>NO</b>	There are no ethical issues in this manuscript