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#### **SDI Review Form 1.6**

Journal Name:	British Journal of Pharmaceutical Research
Manuscript Number:	Ms_BJPR_30974
Title of the Manuscript:	Insights on the Infrared Spectrum, Phytochemical and antibacterial activities of Calotropis procera Leaf extracts against vancomycin and methicllin resistant bacterial isolates
Type of the Article	Original research Paper

## **General guideline for Peer Review process:**

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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)

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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)
<b>Compulsory</b> REVISION	The authors present an interesting paper with interesting and	, , , ,
comments	important data. However, there are some concerns that need to be	
	clarify (see comments below).	
Minor REVISION comments	Lines 100-101: describe the type of infections in which the <i>C. procera</i> is used.	
	<u>Line 149</u> : Why didn´t you used modern techniques like HPLC-DAD or HPLC-DAD-UV-MS/MS? Please clarify this?	
	Line 153: Is not normal using Tween 20. The normal procedure is using solvents like aqueous DMSO (Dimethyl sulfoxide) at different rates. Why did you used the Twee 20. Lines 171-190: Again, why did you used and old technique like TLC when it is a broad available more updated techniques like liquid chromatography? Lines308-349: Since you detected 5 types of compounds in the extracts (Table 4) of <i>C. procera</i> , do you have any idea about what was the type of compound responsible for the observed bioactivity? Please comment this with justification	
<b>Optional/General</b>		
comments		

#### **Reviewer Details:**

Name:	Alfredo Aires	
Department, University & Country	Agronomy Department, University of Trás-o-Montes e Alto Douro, Vila Real, Portugal	