



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_36766
Title of the Manuscript:	Zanthoxylum species in Uganda: a novel wound healing alternative
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>1) The filtrate of the water extraction process concentrated in rotar evaporator and also oven dried to obtain a dry residue. Author should mention Rota-evaporator condition....like temperature and time duration...</p> <p>2) What is the temperature for oven? Scientifically if you dried in oven then you will lose bioactive compound.....if you still say yes.....then author should describe the physio-chemical property of the compound /extract....especially if the compound has thermo-stable...</p> <p>3) After reconstituting the dry extracts in their corresponding solvents, the solution was applied by dropping to cover the entire wound surface using a dropper twice daily for 15 days...this has been described in the manuscript section 2 lines 105 to 107.....Please recheck the statement If the solution had any absorption property? What kind of solution? Because all the solvents (EtOH, Pet.Ether are easily evaporated.....)</p>	<p>1. The rotar-Evaporator conditions is mentioned as 40°C see line 72, rpm (revolutions per minute) of 50 and negative pressure of -500mmHg has been added in line 72 and 73</p> <p>2. The oven temperatures used is indicated at 50°C in line 73 We have previously used oven drying at the same temperatures with NO destruction of active ingredients in similar studies and made several publications including Ogwang et al 2008, Engeu et al 2011 and several authors working of crude extracts have used the method.</p> <p>3. It is recommended that the best solvent for redissolving any extract is the same solvent used in it is extraction except where the solvent may have effects on the test organism. It is true that on application of the solvent containing the extract i.e in the ethanol and petroleum ether, the solvents evaporated leaving the extract or drug on the wounds to promote wound healing. This we believe is a correct approach of applying study drugs or medicaments in solution form on wounds. When solvents evaporates the drug remains on the wound.</p>