



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2015_IRJPAC_17616
Title of the Manuscript:	PREDICTION OF <i>trans</i> -CINNAMIC ACID IN <i>SINYO NAKAL (Duranta repens)</i> FRUITS' METHANOL EXTRACT
Type of the Article	It may be considered as a note or short communication

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.

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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)
<u>Compulsory</u> REVISION comments	Since the occurrence of trans-cinnamic acid is well documented from plants belonging to genus <i>Duranta</i>, simple NMR data (proton and carbon) would be sufficient. Spectral figures like proton, carbon and hetcors are unnecessary for this well known compound and hence suggested to delete them as they are redundant. Perhaps trans cinnamic acid is very easily available in Aldrich catalogue, the authors would have compared the extract with authentic sample on TLC and could have concluded easily about its identity. Spectral figures may be kept in supplementary file if authors so wish.	During experiment, We do not have trans-cinnamic acid standard. We elucidated base on NMR spectra analysis. The compound is also still impure, so all supporting NMR spctra were important to decide that the compound was trans-cinnamic acid.
<u>Minor</u> REVISION comments	1).The title should be changed from 'Prediction of trans-cinnamic acid" to " Identification of trans-cinnamic acid". 2) Under results instead of " is predicted as crude" better use " has been identified as" 3) In Abstract mention which chromatic system used (is it LVC) during step gradient elution of methanolic extract. 4) line 24; replace ' as well as alpha-glucosidase enzyme inhibitors " with " and inhibits alpha glucosidase enzyme". 5) Line 28: spell iridoid glycosides	1. OK, we agree 2. OK, we agree 3. The abstract has been considerably improved. 4. The method has been considerably improved. 5. The discussion has been considerably improved.



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	6) line 41: it should be Liebermann-Burchard 7) in table 4; H-2 and H-3 NMR values are reversed. Pl. correct	
<u>Optional/General</u> comments	Grammatical mistakes are many and also English language correction is required.	