

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_77965
Title of the Manuscript:	A newly synthesized silver nanoparticles mediated phytomedicine from <i>Linum usitatissimum</i> for dental caries
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:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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	(a) Remove the heading in the abstract: like Aims, methodology etc. and comply with abstract format. (b) In 2.5.1 UV-visible analysis: check the second line: The change of transparent white solution to dark brown colour indicates the AgNO ₃ formation. Why AgNO ₃ is use to give AgNO ₃ ? (c) In table 1: what the symbol under concentration indicate. Author may mention in script or as table notes. (d) In FTIR spectra: Check again the O-H stretching vibration band at 2074.45 cm ⁻¹ . This band may not be for O-H of carboxylic since. O-H stretching band are normally above 2250cm ⁻¹ . (e) halo compound C-Br band at 695.92cm ⁻¹ . From where Br appear in the NPs? (f) Particles size and shape from the SEM image is misleading. A spherical shape as mentioned by the author doesn't match well with the image. Some very large particles can also seen in the image. The author may calculate the particles size from XRD pattern using Scherer equation. (g) In EDAX study: how Ni, Si and Na present in the Ag nanoparticles? However, XRD pattern doesn't show the present of these ions. Author need to relook into this.	
Minor REVISION comments	Some typo mistake has to be checked again and spectra quality needs to improve. In the x-axis of XRD pattern below 30 degree and UV spectra above 750 nm may be remove.	
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?	(If yes, Kindly please write down the ethical issues here in details)	

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Reviewer Details:

Name:	Gangam Phaomei
Department, University & Country	Berhampur University, India