



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_66465
Title of the Manuscript:	PREPARATION OF SILYMARIN-QUERCETIN LOADED NANOPARTICLES BY SPONTANEOUS EMULSIFICATION SOLVENT DIFFUSION METHOD USING D-ALPHA-TOCOPHERYL POLY (ETHYLENE GLYCOL) 1000 SUCCINATE
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://www.sciencedomain.org/journal/10/editorial-policy>)



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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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. Abstract should be rewritten for clarity. The introduction part should be reduced, whereas major results should be included. 2. Introduction section, paragraph 2 was too short and should be expanded. Recent studies on formulations of silymarin and/or quercetin for enhancing their pharmacokinetic properties should be included. 3. Please include FTIR, DSC, and XRD analyses in the Method section. 4. Tables 1, 2: the last row (Centrifugation) should be removed because it is the same for all formulation. Please clarify the amounts of drugs for each formulation. Are they 1:1 (w/w) ratio? The amounts of drugs, PLGA, and TPGS are unknown. 5. Figures 1-8 should be moved to Supplementary data. They are basic data required for the studies; no discussion could be withdrawn from them. 6. Tables 5 and 6: data should be presented as means±SDs. 7. Figures 9 and 10 repeated data in Tables 5 and 6. Please remove them or the tables. 8. FTIR, XRD, and DSC: please combine spectra of each analysis into 1 figure; it will make comparison easier. There is no discussion using these figures. 9. Tables 7-10 should be converted to figures. Please discuss the data. 10. Please present size and PDI as means±SDs (at least 3 measurements). 11. Please include the results and discussion section. There is almost no discussion in this manuscript. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Please use silymarin and quercetin instead of Silymarin and Quercetin (no capitalization) 2. Table 1: typo error: TGPS => TPGS. 3. There is no Table 4. 	
Optional/General comments	<p>In this manuscript, the authors described the preparation and characterization of PLGA nanoparticles loaded with silymarin and quercetin. Some parameters were varied to optimize the nanoparticles. The nanoparticles were also characterized (size, zeta potential, FTIR, XRD, DSC, in vitro release). The data presented seem to be sufficient to state that the nanoparticles were successfully prepared. Unfortunately, the authors put less effort into preparing the manuscript, presenting the data, and discussing the findings. I highly recommend the authors modify the manuscript concerning my comments and re-submit.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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