**Responses to revision**

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| **Peer reviewer:** Thank you for your sincere evaluation and viable comments, which will make the manuscript more scientifically acceptable. We checked, revised all comments, modified them to be more acceptable, and highlighted the changes we made in the manuscript in yellow. | |
| Thank you so much for your honest comment. We checked, revised, rewrote and corrected all mistakes in the manuscript. | 1. The manuscript is poorly written. Additional proofreading of the manuscript’s English grammar could enhance the clarity of the paper. |
| Thank you so much for your sincere comment. We used aquasomes as nanoparticles because aquasomes have characteristics that are similar to those of water, they can retain and protect pharmaceutical drugs**(Jagdale & Karekar, 2020).** Aquasomes provides a water like environment due to the presence of carbohydrate coating and preserves the conformational stability of the biochemically active molecule. Polysaccharide film stabilizes the ceramic core through ionic, non-covalent, and entropic forces **(Banerjee & Sen, 2018)**. | 2. Why aquasomes? What are the advantages of it over other formulations? |
| Thank you so much for your viable comments. We checked, revised, changed and highlighted all the changes in yellow in the manuscript. | 3. The label of X-axis should be added in Figure 1  4. The label of Y-axis should be in vertical style in Figure 2.  5. The Figure 3 is not clear.  5. The equations are not properly written and the numbering should be in order.  6. The font should be uniform throughout the manuscript.  7. The line spacing should be uniform throughout the manuscript.  8. There are a few typos in the manuscript. E.g., pH is wrongly written in 3.4 section.  -There should be ‘vs’ in place of v/s in section 3.2.  -The mL should be uniform throughout the manuscript.  -Minutes should be replaced by the min. |

Banerjee, S., & Sen, K. K. (2018). Aquasomes: A novel nanoparticulate drug carrier. *Journal of Drug Delivery Science and Technology, 43*, 446-452.

Jagdale, S., & Karekar, S. (2020). Bird's eye view on aquasome: Formulation and application. *Journal of Drug Delivery Science and Technology, 58*, 101776.