

# Review of: "Effect of daylight and air oxygen on nanozymatic activity of unmodified silver nanoparticles: Shelf-stability"

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Potential competing interests: No potential competing interests to declare.

Please see the review below:

There are certain limitations in the manuscript that needs to be addressed:

1. Section 3.1: Absorption spectrum, XRD pattern and stability should be investigated for characterization of nanozymes. Also, the standard deviation/standard error of mean should be reported along with the average size of the nanozyme.
2. Section 3.1: "In this regard, the TEM image of the as-prepared nanozyme was recorded and the results are shown in Figure 1, as shown in this figure, the as-prepared silver nanoparticles showed uniform morphology with spherical particles." This statement should be revised.
3. Section 3.3/3.4: Please indicate what is considered as "ambient temperature" for storage of nanozyme.
4. Section 3.2: What is the rationale of incubating the reaction solution for 10 mins. Different time points should be investigated to optimize the incubation time.
5. The authors have used the word nanoparticle and nanozyme interchangeably. Please use a standard nomenclature throughout the manuscript.
6. There are grammatical errors in the manuscript. Please make appropriate changes.