

Review of: "Evaluating the effect of shelf-storage, daylight, and air oxygen on the peroxidase-like activity of unmodified silver nanoparticles"

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Potential competing interests: No potential competing interests to declare.

1. The specific goals and novelty of this study should be clearly stated at the end of the introduction.
2. In section 3.1, the authors describe the characterization of the as-prepared nanozymes but do not discuss the results in relation to the size and morphology mentioned in the abstract. Please provide a brief discussion on the uniform morphology and narrow size distribution observed in the TEM image.
3. In section 3.3: The authors state that the reduction in peroxidase-like activity after exposure to daylight could be due to particle aggregation and surface oxidation. However, no evidence or characterization data is provided to support these claims.
4. In section 3.4: The authors mention that the nanozyme solutions were covered by foil to eliminate the effect of daylight, but the rationale behind this decision is not provided. Please explain why the nanozymes were covered by foil and how this would eliminate the effect of daylight.