Review of: "Experimental Behavior of Solar Still Using Mixed Oxides Mn-Fe/Silicona Resin Composite as Selective Solar Absorber"

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Potential competing interests: No potential competing interests to declare.

Carlos Eladio Juárez Salinas et al. studied mixed oxides Mn-Fe/silicone resin composite as a selective solar absorber and tested the material in a solar still. Both the material used as a selective solar absorber and the still produced are simple and easy to implement. It is also a study that can help a lot with the global problem of climate change that the planet is suffering from.

This is an interesting manuscript that has obtained promising results, but some aspects still need to be improved. The authors should also carefully revise the quality of the English language, as “Silicona” in the title should be “Silicone.” Therefore, the following issues are recommended for further justification and clarification.

1. The results obtained from the structural, optical, and morphological characterisation should be discussed in more depth.

2. In table 2, the correspondence between the word and the symbol that defines it has to be put. As an example, adsorptance should have behind it (α (%)).

3. The selectivity is listed in the title of table 2, but the results are not listed.

4. Table 3 shows a series of parameters that evaluate the efficiency of the solar still with the optimal material, but it should be stated how these parameters have been calculated.

5. The paragraph "To measure the pH of the inlet and outlet water, a high precision Webat Portable pH Meter was used; …….. " in the Water Quality section should be placed in the Materials and Methods section.