

Review of: "Regulatory Compliance of PCDD/F Emissions by a Municipal Solid Waste Incinerator: A Case Study in Sant Adrià de Besòs, Catalonia, Spain"

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Potential competing interests: No potential competing interests to declare.

The reported manuscript details a systematized study of pollutant emissions from a solid waste treatment plant in Spain. The article is written in a comprehensible manner and contains the figures necessary to support the conclusions. In the review process, I carefully analyzed the content and identified several critical aspects that affect its suitability for publication.

The article lacks detailed descriptions of the analytical methods used, including validation procedures, precision, accuracy, and repeatability. It would have been pertinent to add more detail about the analytical techniques used. Furthermore, the manuscript does not address potential interferences in the analysis.

The discussion of results is superficial and lacks depth. You should explore possible explanations for unexpected results or discrepancies with existing literature such as the results. Citations are scarce or outdated. Relevant and recent references should be included to support your claims and position your work within the current scientific context.

To improve the manuscript, consider validating your results using complementary analytical techniques; a suggestion would be to apply mathematical models or chemometric techniques to improve data interpretation and reduce uncertainty.

In summary, your manuscript requires significant improvements before it can be considered for publication. My recommendation is to reject the manuscript in its present version. These shortcomings need to be addressed, and more robust and up-to-date alternatives explored in your research.