Review of: "Evaluation of Ambient Air Quality Levels at Various Locations within Lead City University, Ibadan"

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Potential competing interests: No potential competing interests to declare.

The manuscript aims to evaluate the ambient air quality levels at various locations within Lead City University, Ibadan. However, the experimental results and data presented in the manuscript appear inadequate to support such a conclusion. Furthermore, the work does not demonstrate sufficient novelty compared to previous publications in this field. Given the journal's quality standards, I do not believe this manuscript is suitable for publication.

1. The title and abstract indicate the focus is on evaluating ambient air quality, but the paper mixes the concepts of indoor and ambient air quality in several sections. For example, the abstract states that variability in these parameters has implications for human health and recommends ventilation and pollution control measures to improve indoor air quality. The specific objectives also include measuring both indoor and outdoor parameters. This inconsistency needs to be addressed.
2. The CO concentrations are reported in both ppm and µg/m3, which is confusing. The author should use a consistent unit throughout. The CO concentrations should be represented in mg/m3 as a standard conversion from the ppm unit.
3. The comparison of measured data to WHO guidelines is inadequate, as the author's data collection was brief, while the WHO guidelines are based on hourly, daily, or annual averages. The author should provide more details about the relevant WHO guideline levels for each pollutant.
4. The manuscript lacks sufficient information about the measurement equipment and techniques used. The author should provide detector specifications, calibration certificates, and quantify the uncertainty for each measured parameter.
5. The quality control measures described, such as calibration and use of blank samples, require more explanation. The author should clarify the calibration process, including whether it was a multipoint calibration.

Overall, the manuscript requires substantial revisions to address these issues before it can be considered for publication in this journal.