Reviewer's report

Title: Antifungal activities of essential oil extract of Carpobrotus edulis (L.) Bolus

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Reviewer: Mohamed Rabeh

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Antifungal activities of essential oil extract of Carpobrotus edulis (L.) Bolus
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BMC Complementary and Alternative Medicine
Research article

Assessing the work:

- The question posed by the authors are well defined
- Methods are appropriate and to some extent are well described
- Data can sound in field of microbiology and HIV/AIDS infection patient supplementary therapy.
- The manuscript adheres to the relevant standards for reporting and data deposition.

But the following should be noticed:

- Title: Antifungal activities of essential oil extract of Carpobrotus edulis (L.) Bolus should be: Antifungal activities of essential oil and extracts of Carpobrotus edulis (L.) Bolus
- Abstract:
  Third paragraph (Results): The oil extract showed fungal activity against C. albican should be: The essential oil and extracts showed antifungal activity against C. albicans
- Introduction:
  3rd paragraph should be revised grammatically like:
  Majority of individuals who use essential oils gotten from plant are less likely to contract infections disease
  It may be: Majority of individuals who use essential oils got from plant is less likely to contract infectious diseases
- 4th paragraph: local market centres: it should be: local market centers
- Last paragraph: ........which has justify its authentication it should be: ........which
has justified its authentication

- Experimental approach:

Essential oil
Volatile oil from the other part of the fresh leaves (10 kg) was extracted for 3 h using a hydro-distiller (Clevenger’s-type apparatus) in a 5-L round bottom flask fitted in a condenser.

How can you introduce 10 kg in a 5-liters flask although its capacity is only from 750- 1000 grams of fresh plants?

- Results:

Essential oil identification:
It can be a problem in identification specially
# Tetracosamethylcyclododecasiloxanes
# Tetradecamethylcycloheptasiloxane
# Bistrimethylesilyl N-acetyl .....(Spelling mistake in results section) etc...

It may be due to improper sample preparation or column bleeding and this appears in the GC chromatogram elevation of base line

Discussion and conclusions: are to some extent balanced and adequately supported by the data.

The authors clearly acknowledge work upon which they are building, both published and unpublished.

The writing needs some language corrections before being published

Final decision
Unable to decide on acceptance or rejection until the authors have responded to the compulsory revisions

Quality of written English: Needs some language corrections before being published