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Evaluation of the effects of temperature and pressure on the extraction of eugenol from clove (*Syzygium aromaticum*) leaves using supercritical CO<sub>2</sub>

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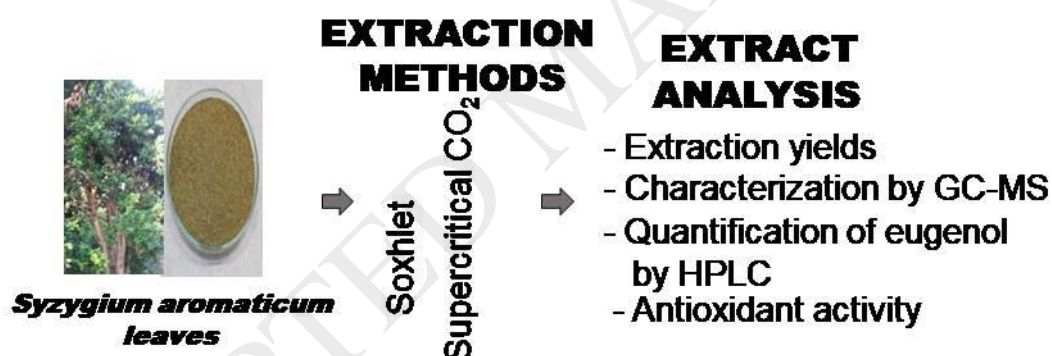
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Graphical abstract



Highlights

- Extraction of clove leaves oil by supercritical CO<sub>2</sub>
- Extraction with different operating conditions of pressure and temperature
- Extraction of clove leaves oil by Soxhlet with hexane
- The quantification of the eugenol compound was determined by HPLC
- The clove leaves extract presented a low antioxidant power.

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