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ACCEPTED MANUSCRIPT

PIPERINE-RICH EXTRACTS OBTAINED BY HIGH PRESSURE METHODS

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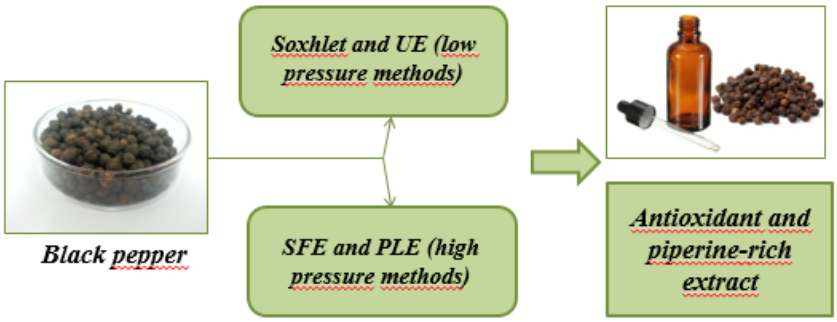
GRAPHICAL ABSTRACT



HIGHLIGHTS

- Black pepper extraction with ethanol provides a product with high antioxidant potential;
- SFE is suitable technology to provide extracts with high quality in terms of chemical composition and solvent free;
- PLE, SFE and LPE extracts of black pepper have piperine and caryophyllene as major compounds.
- PLE technique is a promising method to obtain bioactive extracts from black pepper.

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