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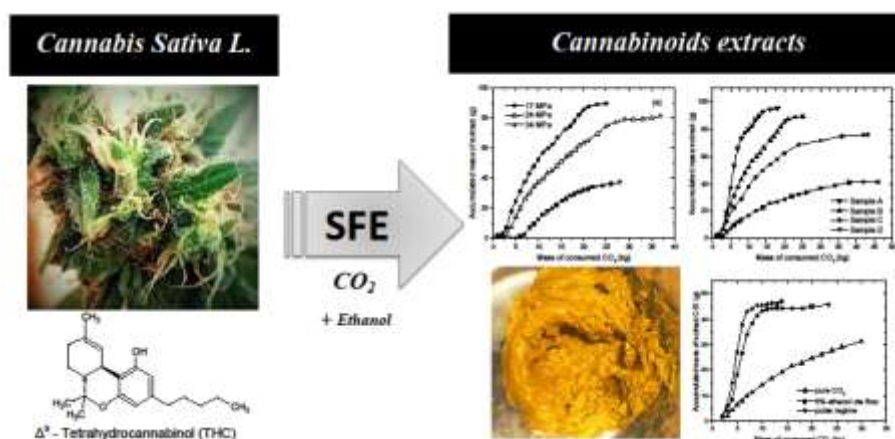
Supercritical carbon dioxide extraction of cannabinoids from *Cannabis sativa L.* plant material

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Graphical abstract



Highlights

- Supercritical CO_2 was applied to obtain extracts with high cannabinoids concentration
- Different operating conditions and regimes were evaluated
- Cannabinoids composition was analyzed with time at different extraction conditions
- Co-solvent pulse regime is the most recommendable extraction strategy.

Abstract

Cannabis sativa L. extracts with high concentration of Δ^9 -tetrahydrocannabinolic acid (THCA) and Δ^9 -tetrahydrocannabinol (THC) were obtained by supercritical carbon dioxide (CO_2)

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