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Preparation and characterization of Chilean propolis coprecipitates using Supercritical Assisted Atomization

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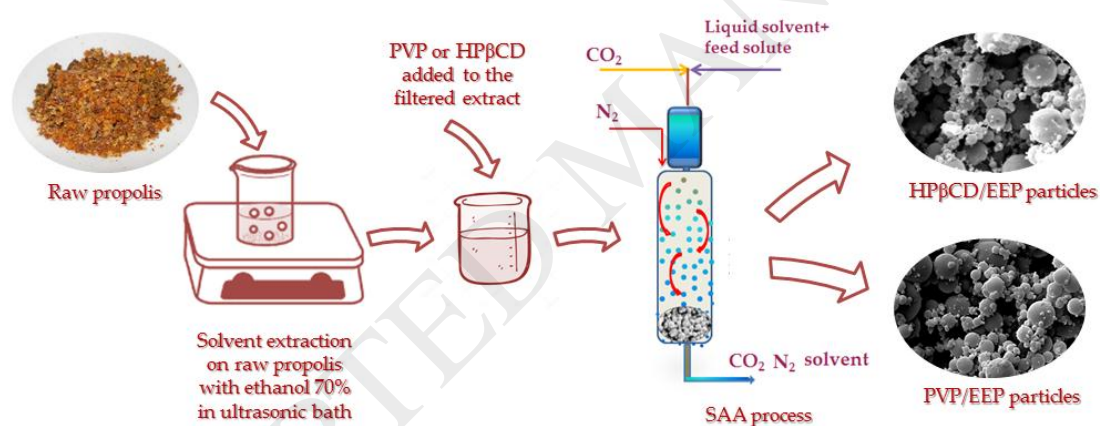
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Graphical abstract



Highlights

- Chilean propolis coprecipitation is attempted by Supercritical Assisted Atomization
- HPβCD/propolis and PVP/propolis particles are produced to prevent oxidation
- Spherical and amorphous particles are obtained
- Polyphenol-rich particles are obtained with loading efficiency up to 100%
- The homogeneous EEP dispersion in the used carriers preserves the antioxidant power

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