

Supplementary materials

Polyhydroxyalkanoates-based nanoparticles as essential oil carriers

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Figure S1 Size distribution by Intensity of PHB based NPs (Sample S3).

Figure S2 Size distribution by Intensity of PHB based NPs (Sample S10).

Figure S3 X-ray powder diffraction profiles of the neat PHB (A) and neat PHB-HHx (B).

Figure S4 DSC thermograms, acquired at 10°C/min, of the neat PHB (A) and neat PHB-HHx (B).

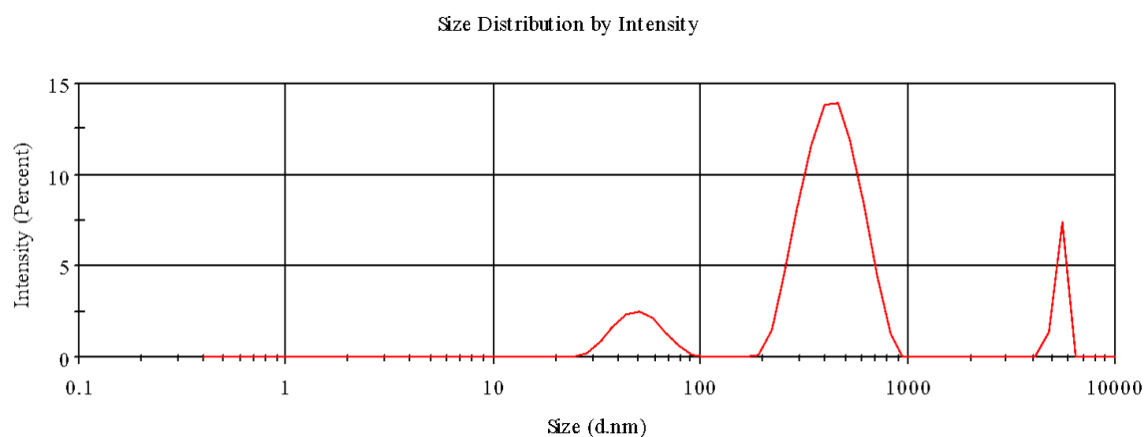


Figure S1. Size distribution by Intensity of PHB based NPs (Sample S3).

The graph results from Z-seizer analysis of sample S3, reporting the size distribution as a plot of the % intensity of light scattered by particles versus various size classes expressed in nm (scale is logarithmically spaced).

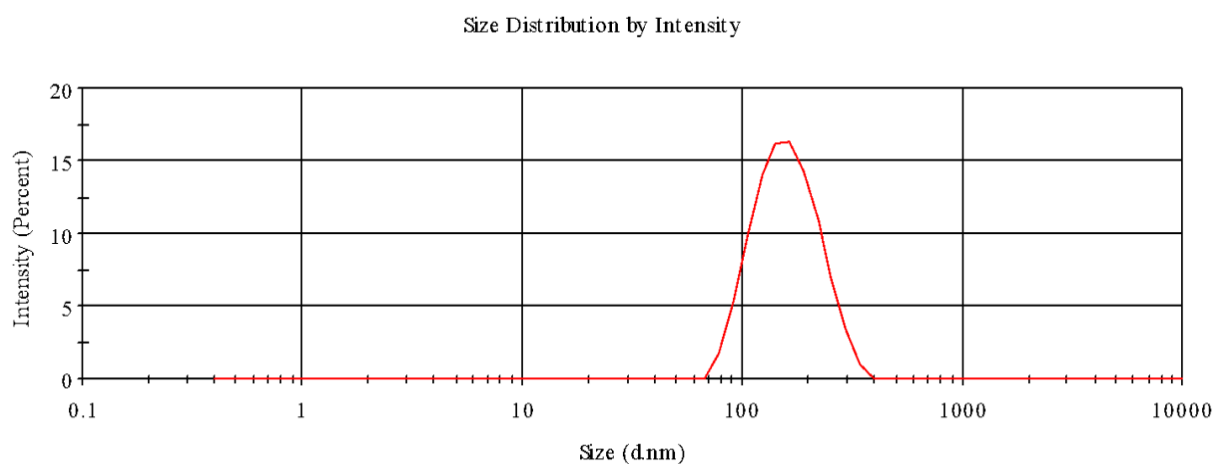


Figure S2. Size distribution by Intensity of PHB based NPs (Sample S10).

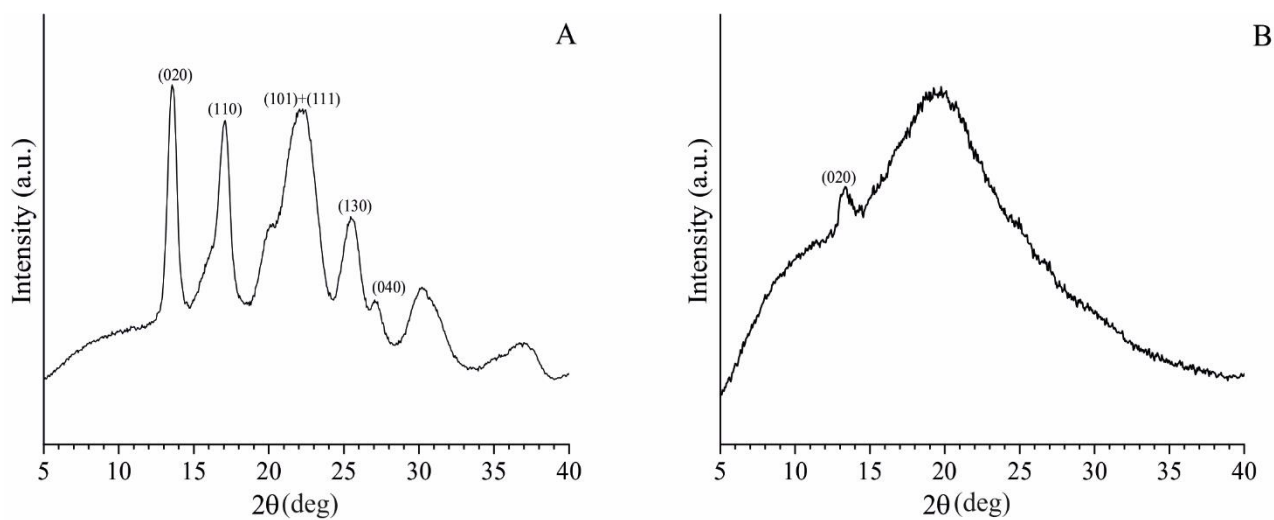


Figure S3. X-ray powder diffraction profiles of the neat PHB (A) and neat PHB-HHx (B).

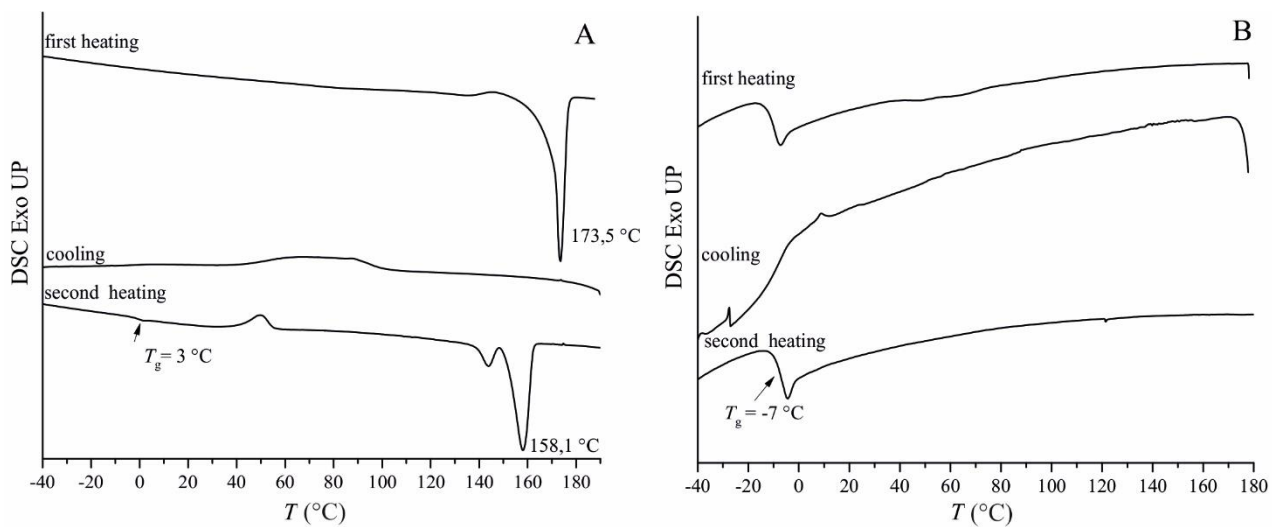


Figure S4. DSC thermograms, acquired at 10°C/min, of the neat PHB (A) and neat PHB-HHx (B).