

# Supporting Information

## NMR spectra

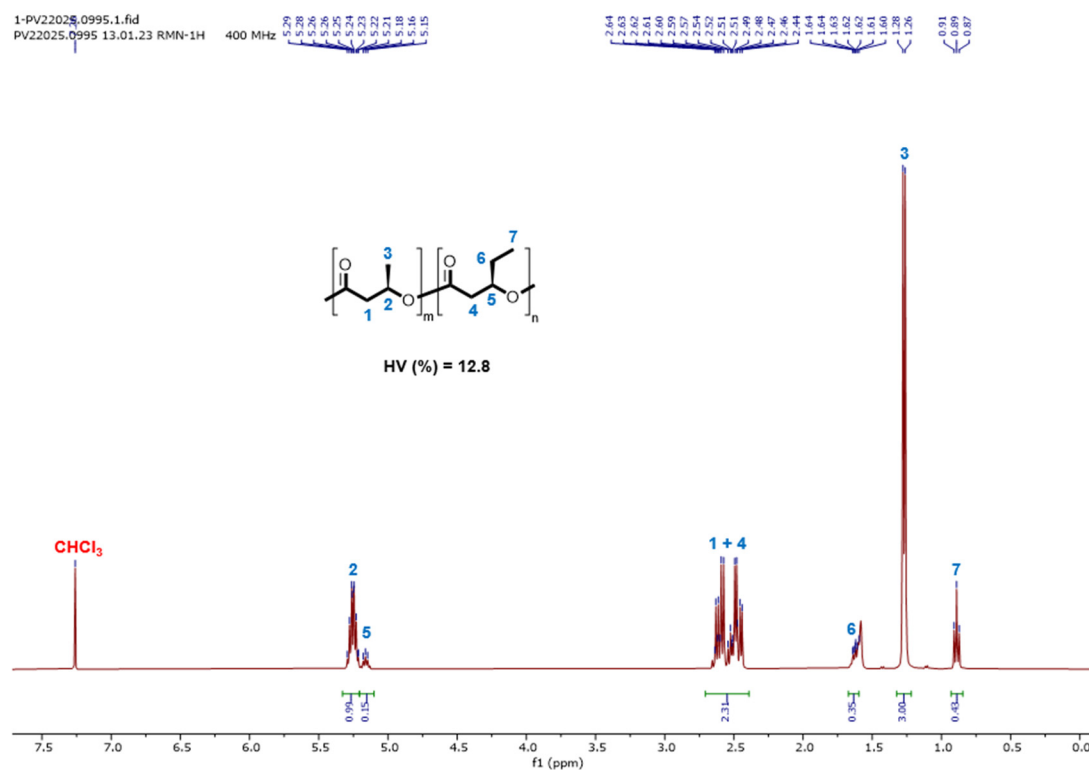


Figure S1. <sup>1</sup>H-NMR spectrum (400 MHz, 25 °C) of the sample Control

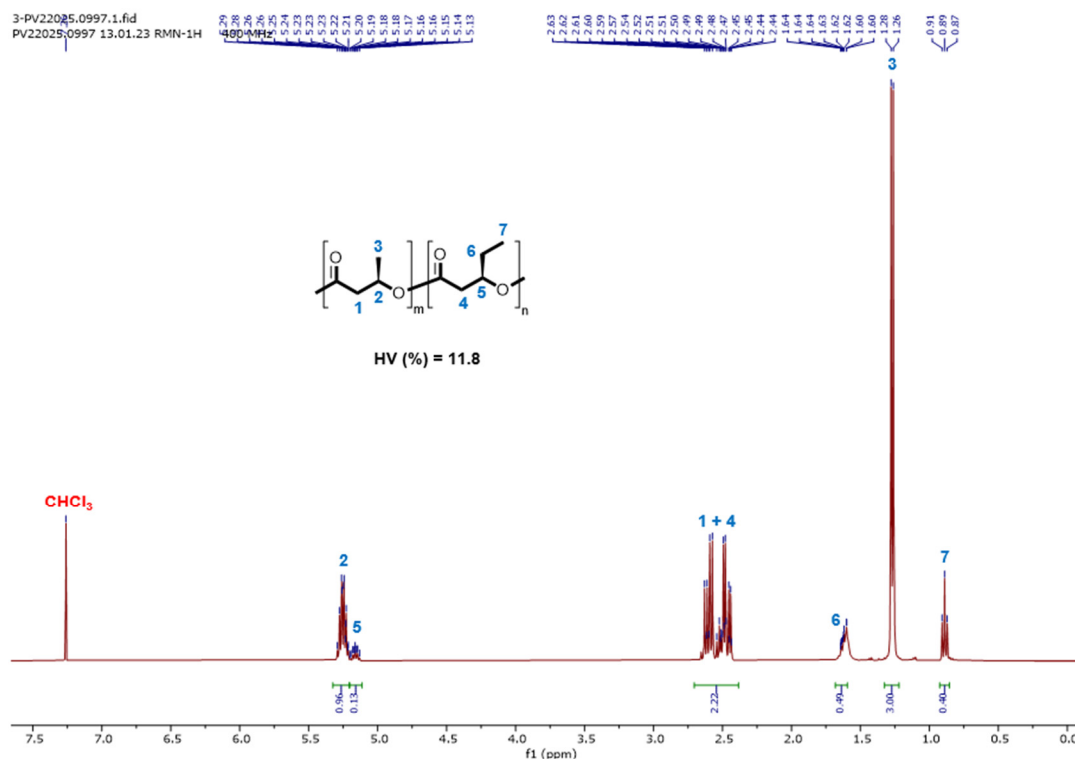
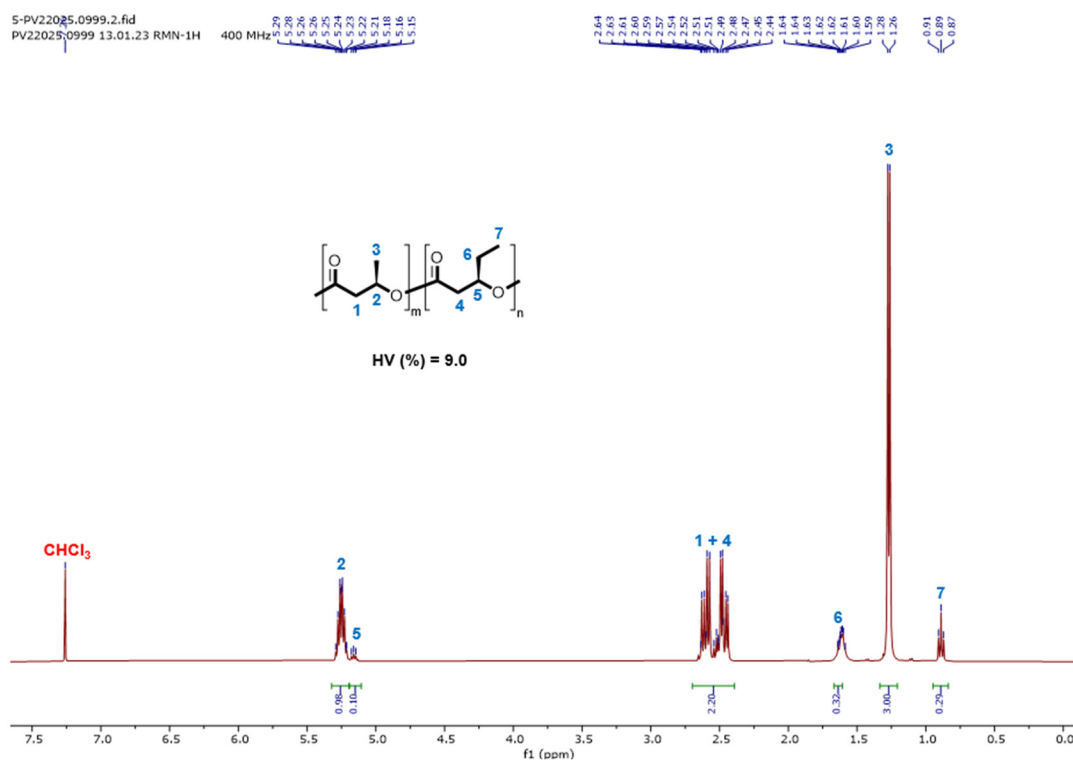
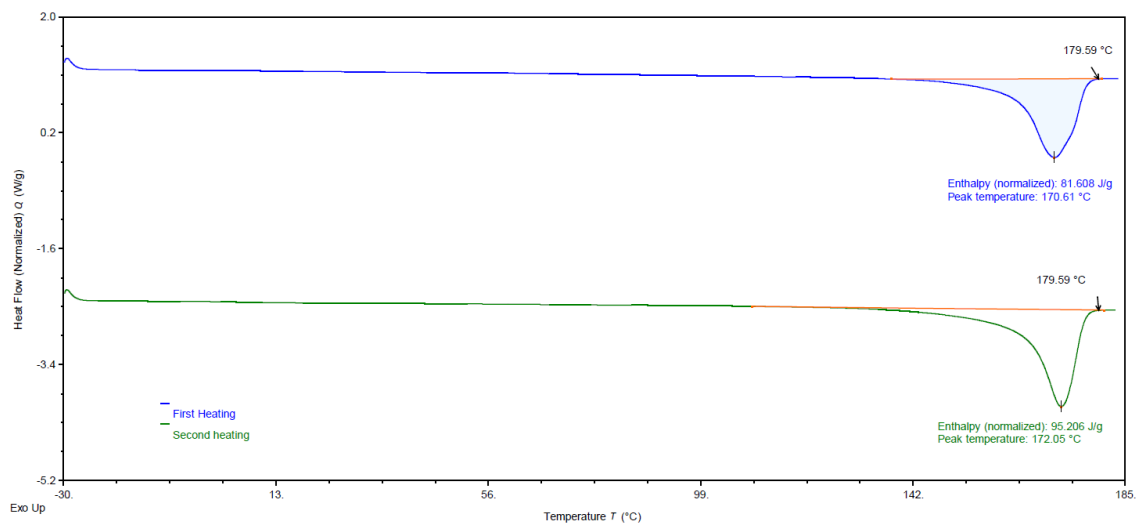


Figure S2. <sup>1</sup>H-NMR spectrum (400 MHz, 25 °C) of the sample Residue 1.

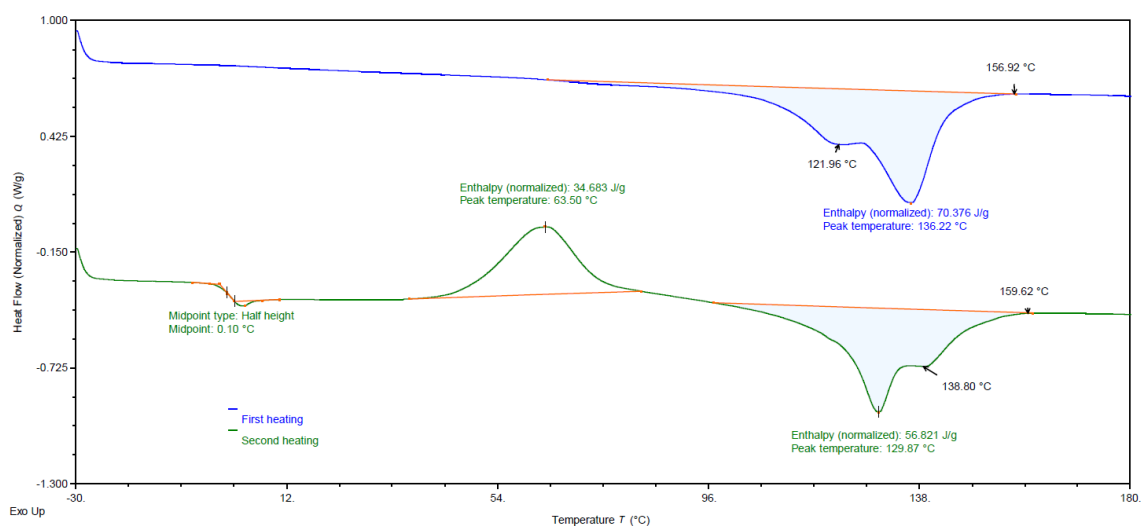


**Figure S3.** <sup>1</sup>H-NMR spectrum (400 MHz, 25 °C) of the sample Residue 2.

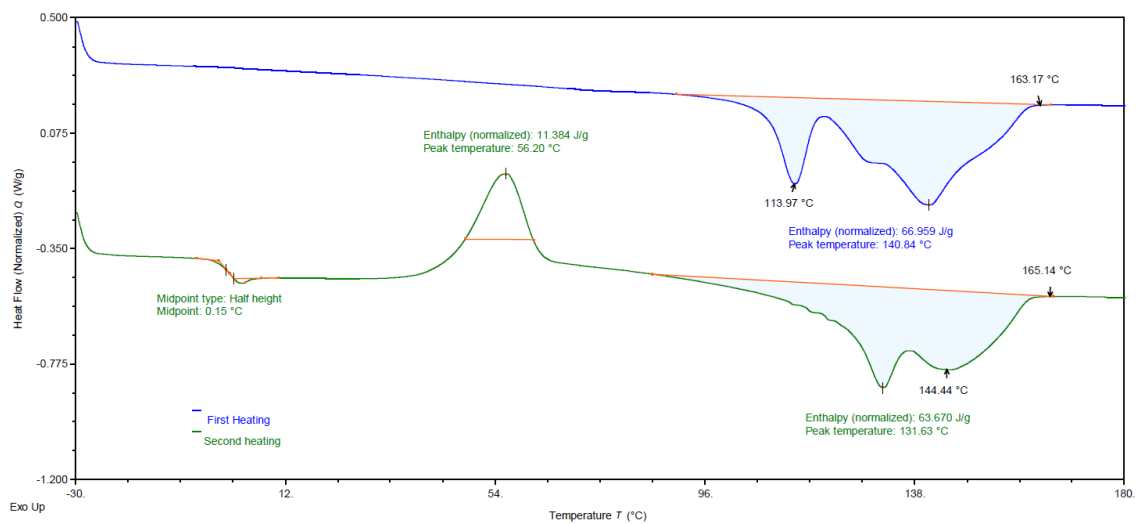
## DSC curves



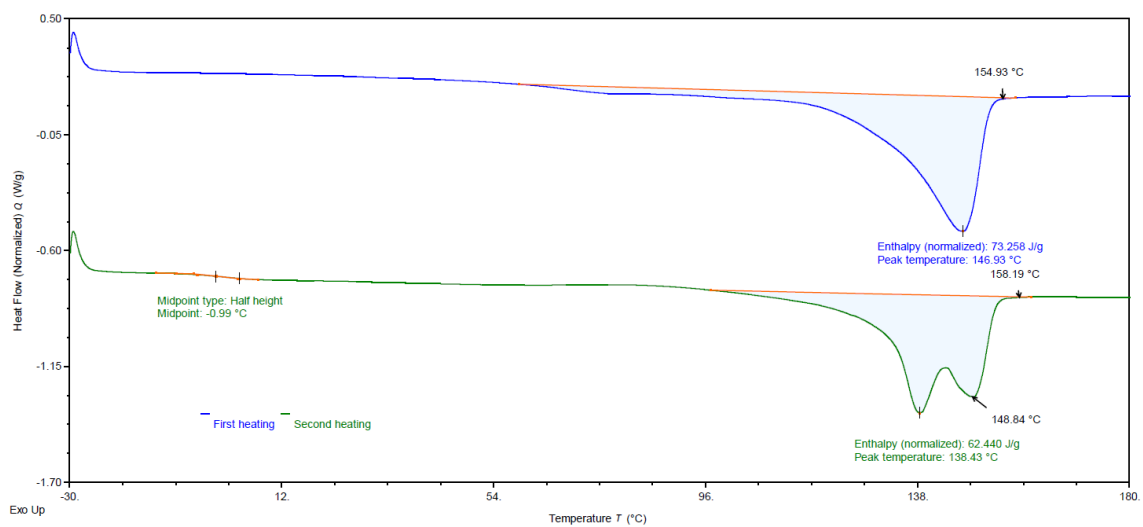
**Figure S4.** DSC curves of the sample PHBV Y1000P.



**Figure S5.** DSC curves of the sample Control

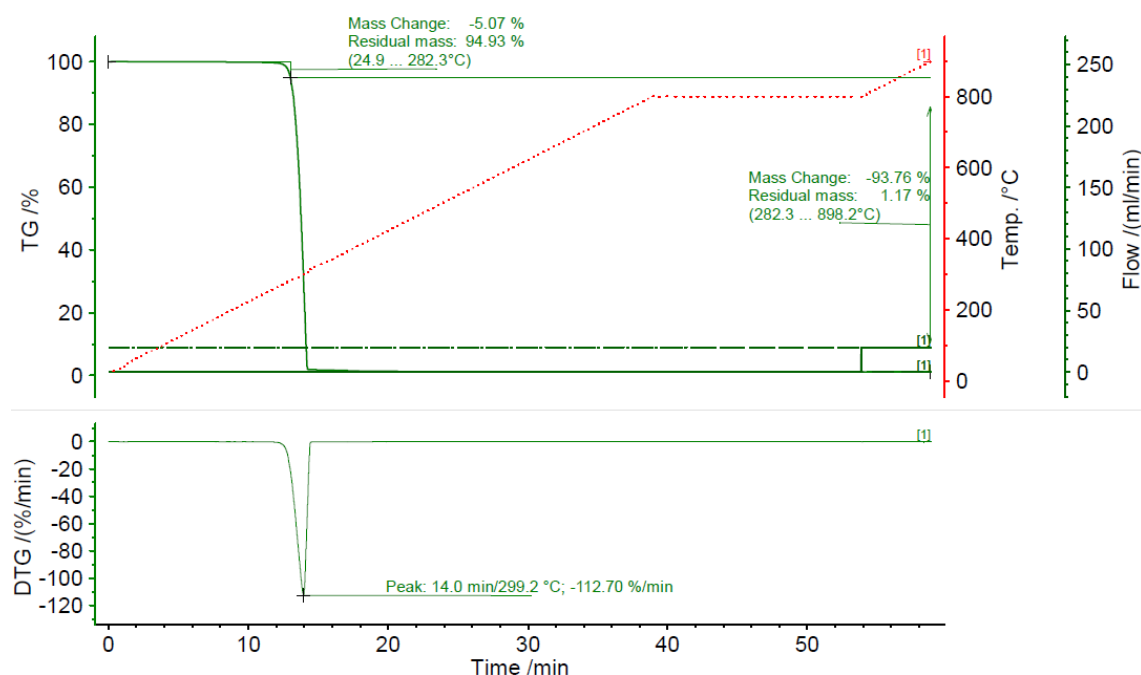


**Figure S6.** DSC curves of the sample Residue 1.

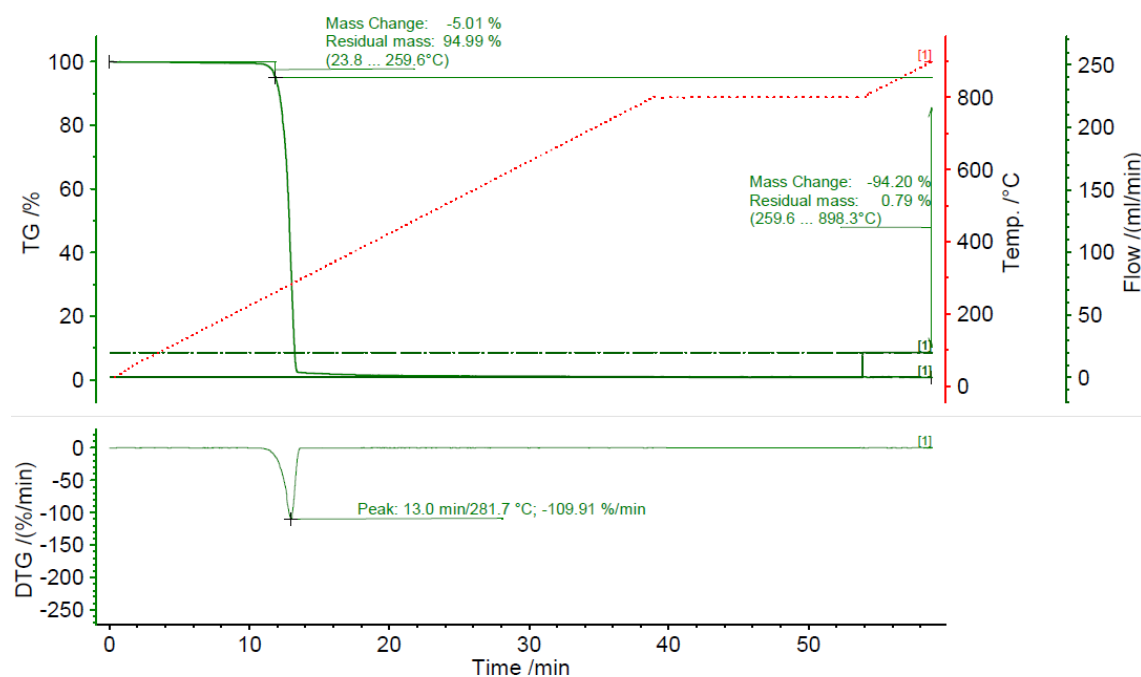


**Figure S7.** DSC curves of the sample Residue 2.

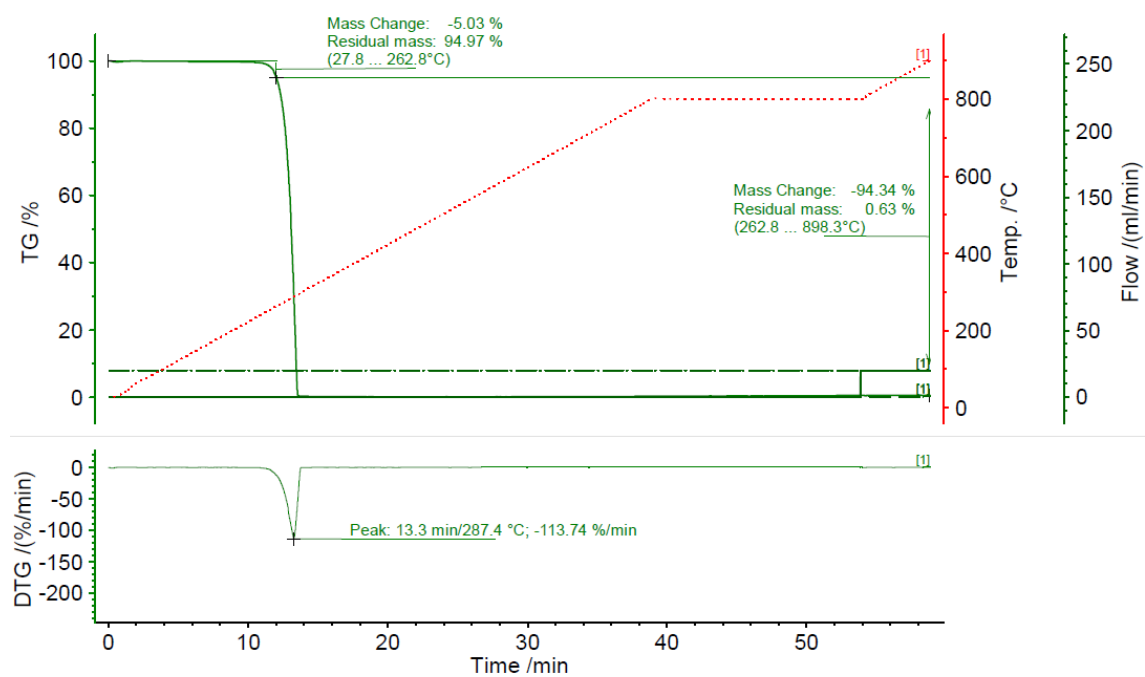
## TGA thermograms



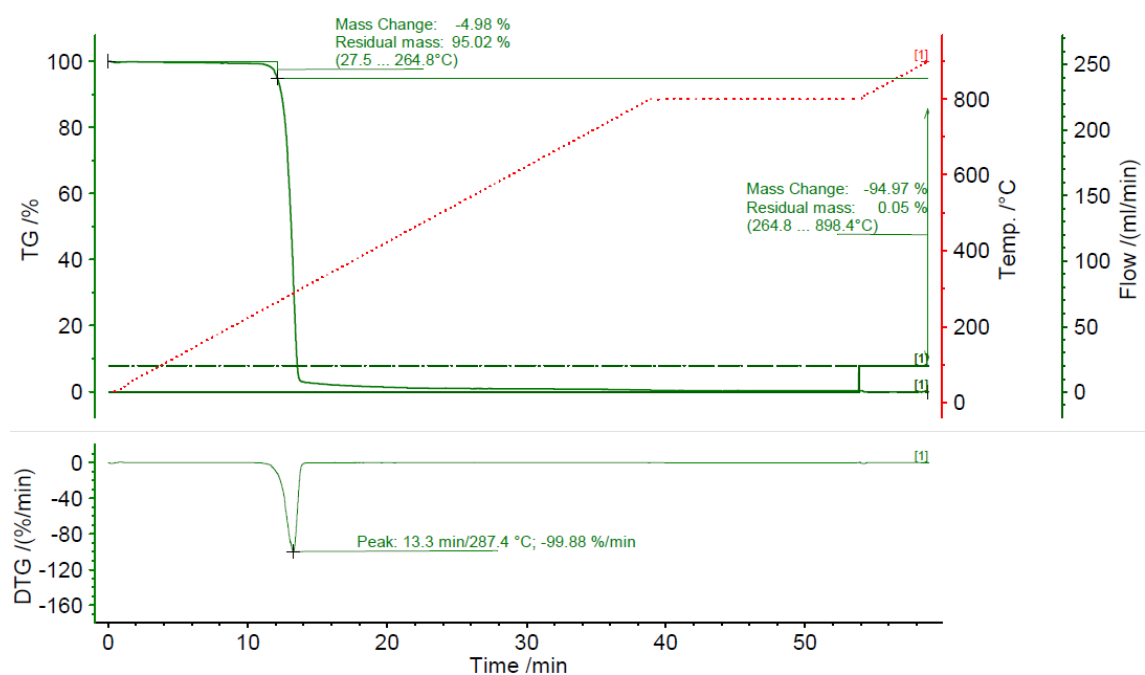
**Figure S8.** Thermogram of the sample PHBV Y1000P.



**Figure S9.** Thermogram of the sample Control.



**Figure S10.** Thermogram of the sample Residue 1.



**Figure S11.** Thermogram of the sample Residue 2.