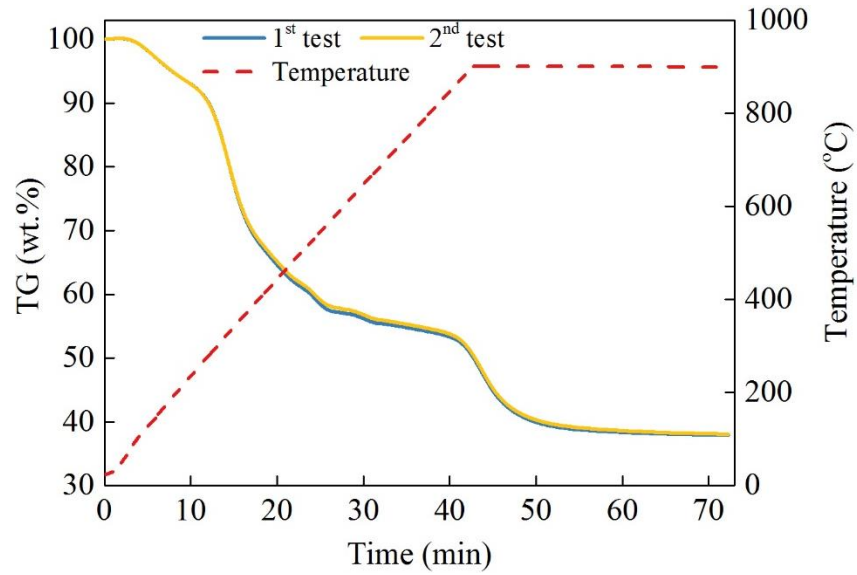
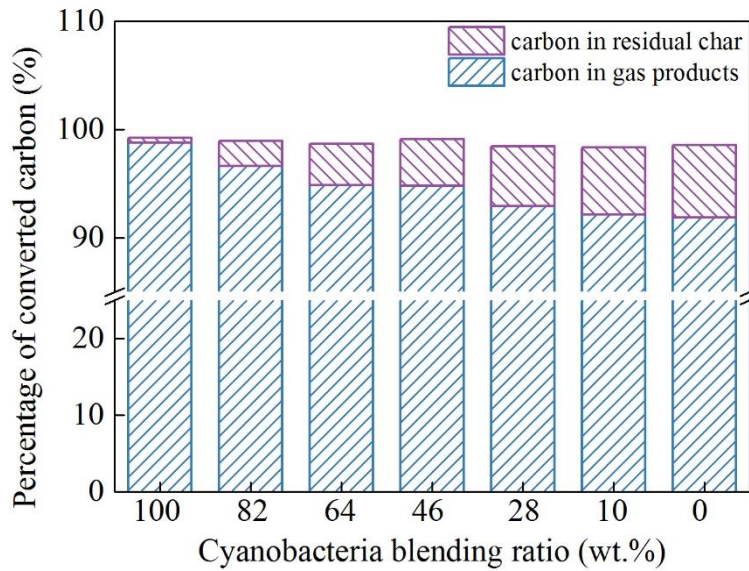


## Supplementary Materials



**Figure S1.** The repeated TGA experiment of the mixture fuel with 82 wt.% cyanobacteria and 18 wt.% coal (82CYA sample).



**Figure S2.** The carbon balance as a function of the cyanobacteria blending ratio.