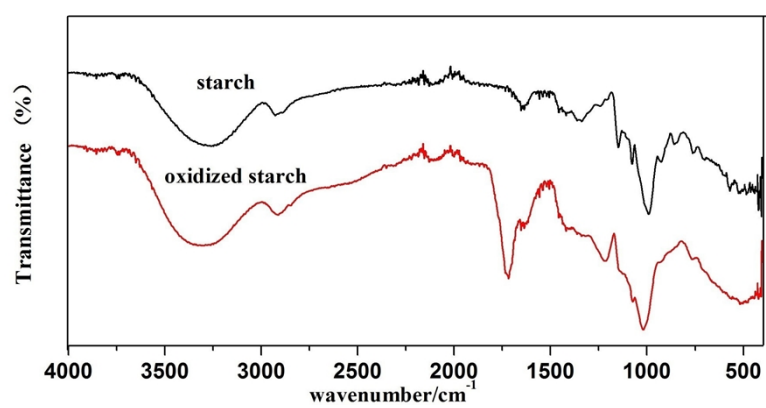


**Fig. S1** The comparison of different catalysts.



**Fig. S2** The IR spectra of oxidized starch and native starch