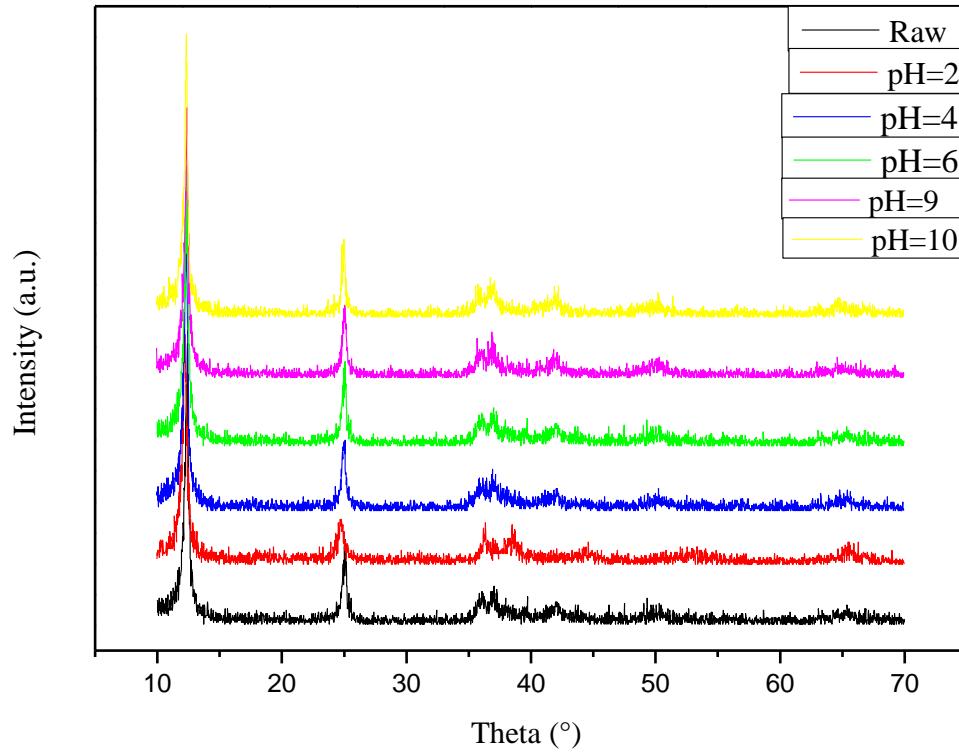


**Fig. S1. The role of different power after  
30 min of XRD birnessite**



**Fig. 2S. The role of different pH conditions  
of Birnessite XRD**