materials

MDPI

Supplementary Materials

Keggin-Type Heteropoly Salts as Bifunctional Catalysts in Aerobic Baeyer-Villiger Oxidation

Katarzyna Pamin [1,*], Jan Połtowicz [1], Mateusz Prończuk [2], Joanna Kryściak-Czerwenka [1], Robert Karcz [1] and Ewa M. Serwicka [1]

[1] Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Niezapominajek 8, 30-239 Krakow, Poland; ncpoltow@cyf-kr.edu.pl (J.P.); nckrisci@cyf-kr.edu.pl (J.K.-C.); nckarcz@cyf-kr.edu.pl (R.K.); ncserwic@cyf-kr.edu.pl (E.M.S.)

[2] Faculty of Chemical Engineering and Technology, Cracow University of Technology, Warszawska 24, 31-155 Krakow, Poland; mpronczuk@chemia.pk.edu.pl

* Correspondence: ncpamin@cyf-kr.edu.pl; Tel.: +48-12-63-95-153

Received: 31 May 2018; Accepted: 9 July 2018; Published: date

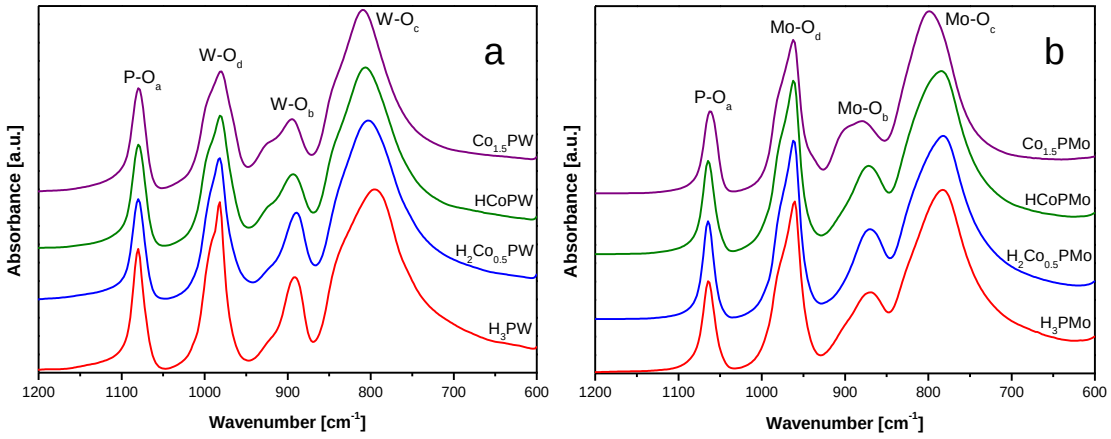

Figure S1. FTIR spectra recorded in KBr of (a) H_3PW, $H_2Co_{0.5}PW$, HCoPW, $Co_{1.5}PW$, and (b) H_3PMo, $H_2Co_{0.5}PMo$, HCoPMo, $Co_{1.5}PMo$.

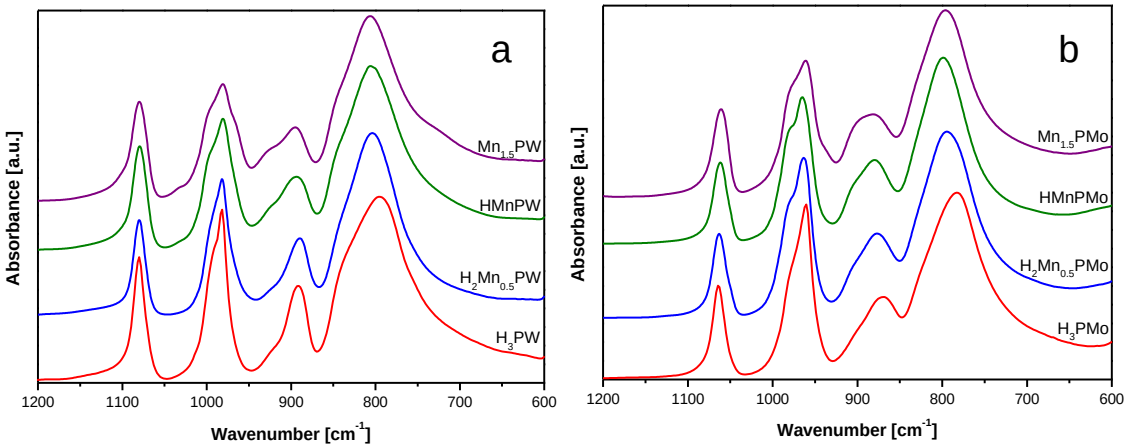

Figure S2. FTIR spectra recorded in KBr of (a) H_3PW, $H_2Mn_{0.5}PW$, HMnPW, $Mn_{1.5}PW$, and (b) H_3PMo, $H_2Mn_{0.5}PMo$, HMnPMo, $Mn_{1.5}PMo$.

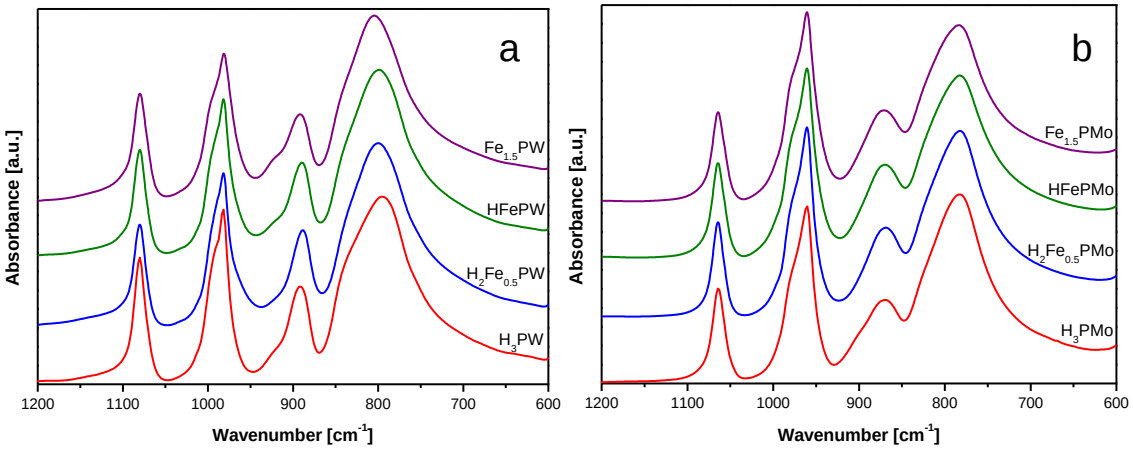

Figure S3. FTIR spectra recorded in KBr of (a) H_3PW, $H_2Fe_{0.5}PW$, HFePW, $Fe_{1.5}PW$, and (b) H_3PMo, $H_2Fe_{0.5}PMo$, HFePMo, $Fe_{1.5}PMo$.