

Electronic supplementary information

**Mo@Pt Overlayers as Efficient Catalysts for Hydrodeoxygenation of
Guaiacol and Anisole**

Qinghua Lai, Chen Zhang, Joseph H. Holles*

*Department of Chemical Engineering, University of Wyoming, Dept. 3295, 1000 E. University
Ave, Laramie, WY 82071, United States*

*Corresponding author. Tel.: +1-307-766-6772; fax: +1-307-766-6772. E-mail address:
jholles@uwyo.edu (J.H. Holles).

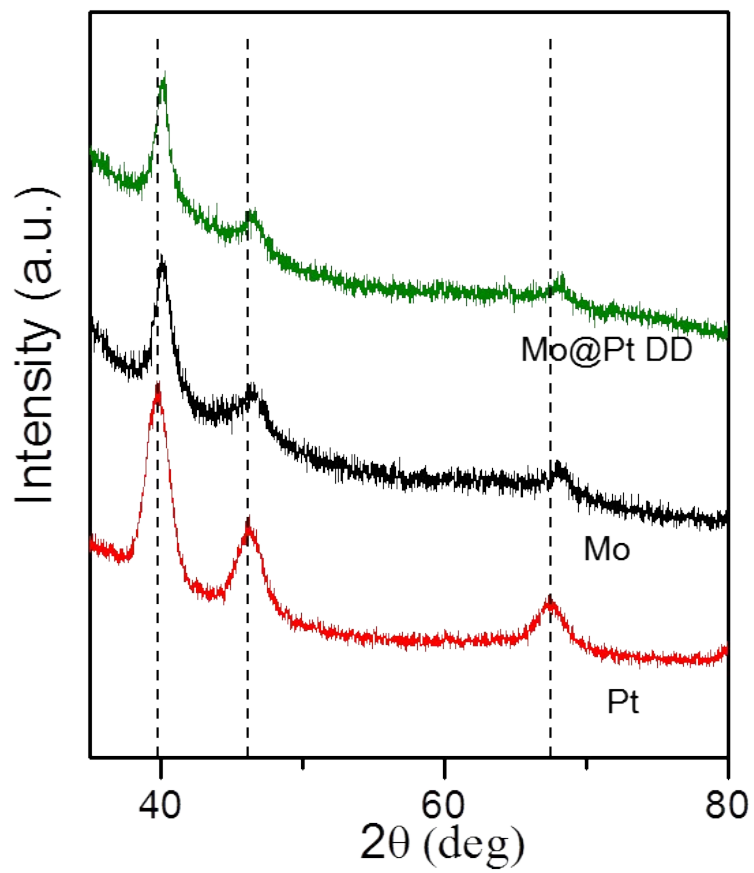


Fig. S1 XRD patterns of spent Mo, Pt and Mo@Pt DD catalysts.

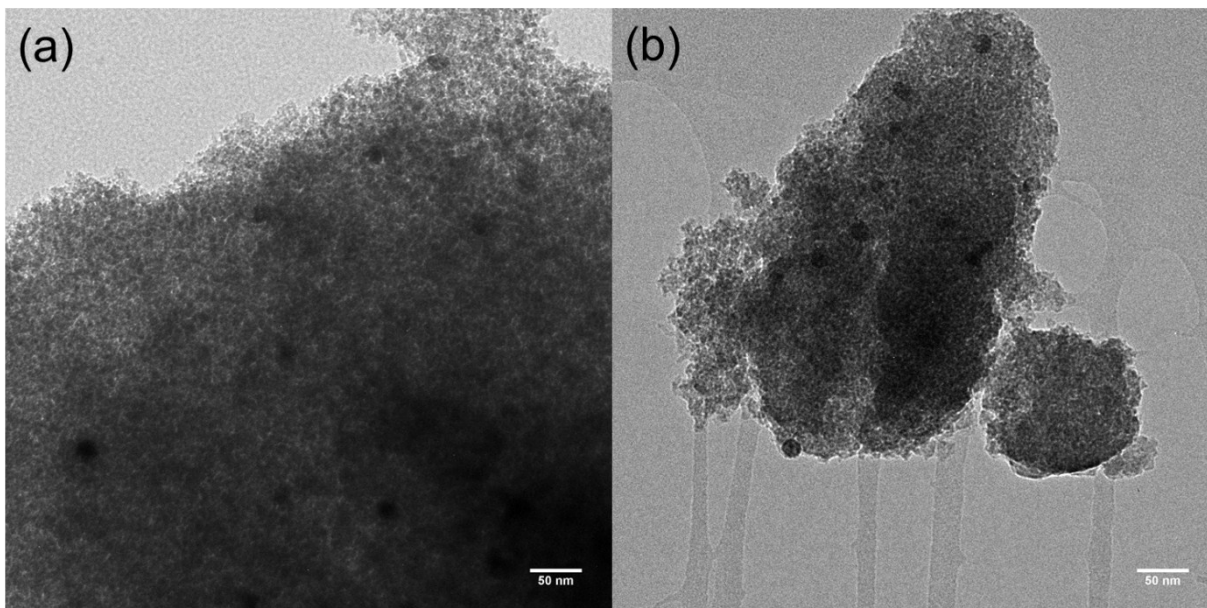


Fig. S2 TEM image of (a) fresh and (b) spent Mo@Pd DD catalyst.

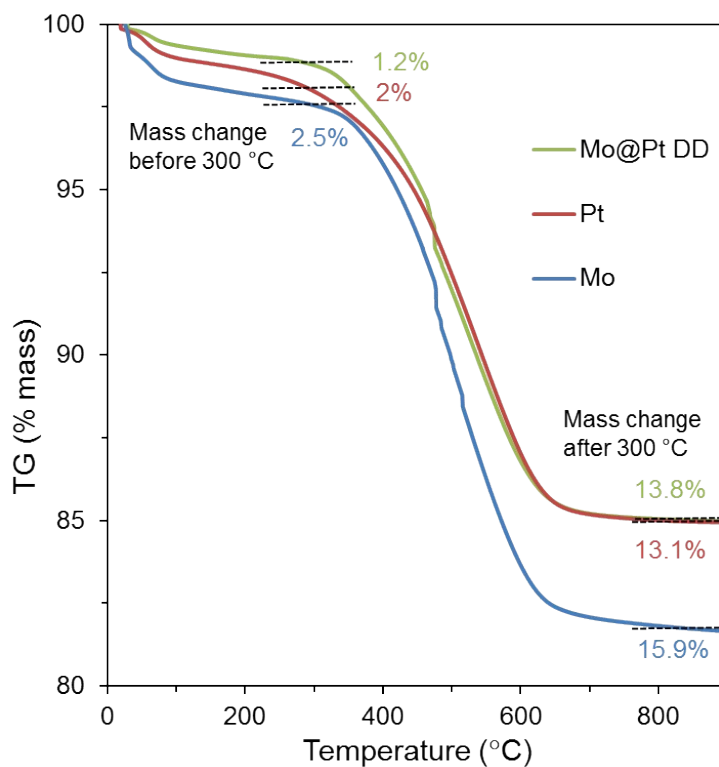


Fig. S3 Thermogravimetric analysis of spent Mo, Pt and Mo@Pt DD catalysts.