

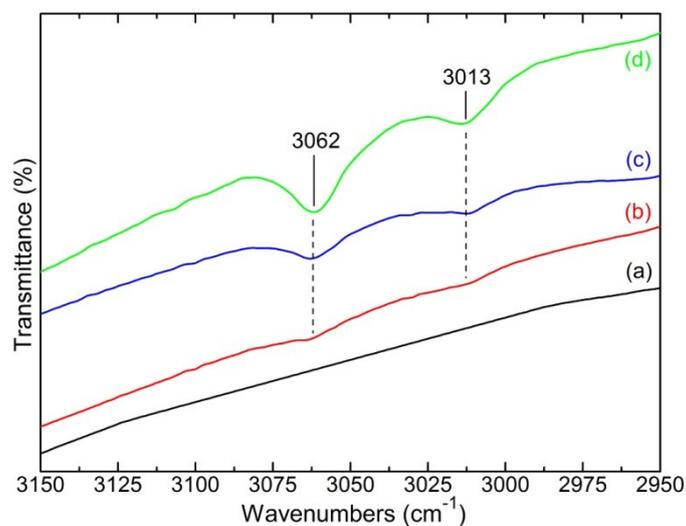
## Supplementary Information

### Enhanced Hydrogen and Methane Storage of Hybrid Mesoporous Organosilicas

Georgios N. Kalantzopoulos<sup>a</sup>, Myrsini K. Antoniou<sup>a</sup>, Apostolos Enotiadis<sup>b</sup>,  
Konstantinos Dimos<sup>b</sup>, Enrico Maccallini<sup>a</sup>, Alfonso Policicchio<sup>a</sup>, Elio Colavita<sup>a</sup> and  
Raffaele G. Agostino<sup>a</sup>

<sup>a</sup>CNISM-Department of Physics, Univ. of Calabria, *via P. Bucci 33C, 87036, Rende (CS), Italy*

<sup>b</sup>Department of Materials Science & Engineering, University of Ioannina, *45100 Ioannina, Greece*



**Figure S1.** FTIR spectra of samples: PMS (a), PMO-25 (b), PMO-75 (c), and PMO-100 (d).