

Electronic Supplementary Information

Fig. 1S. Thermal curves of the Pangel B-40 sepiolite

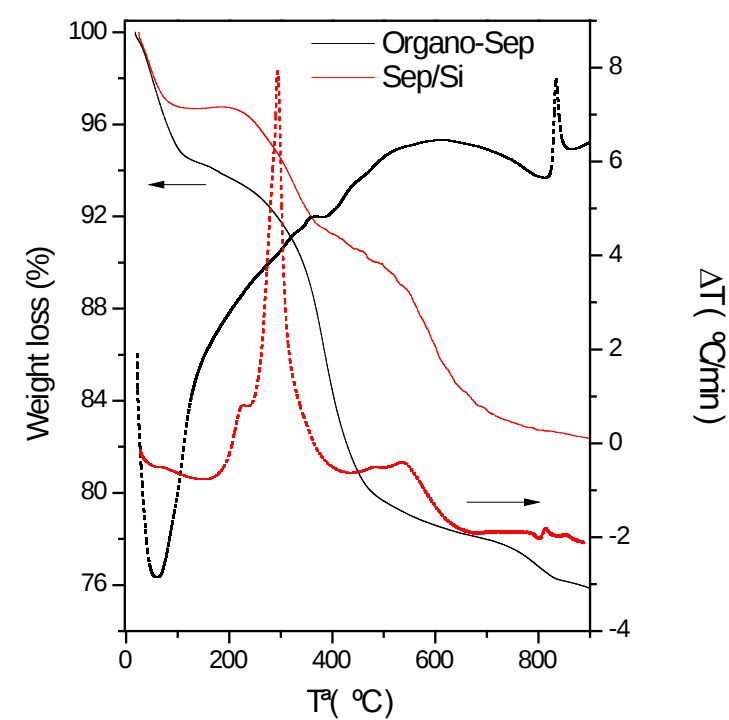


Fig. 2S. FE-SEM images for the nanoarchitectures after thermal treatment.

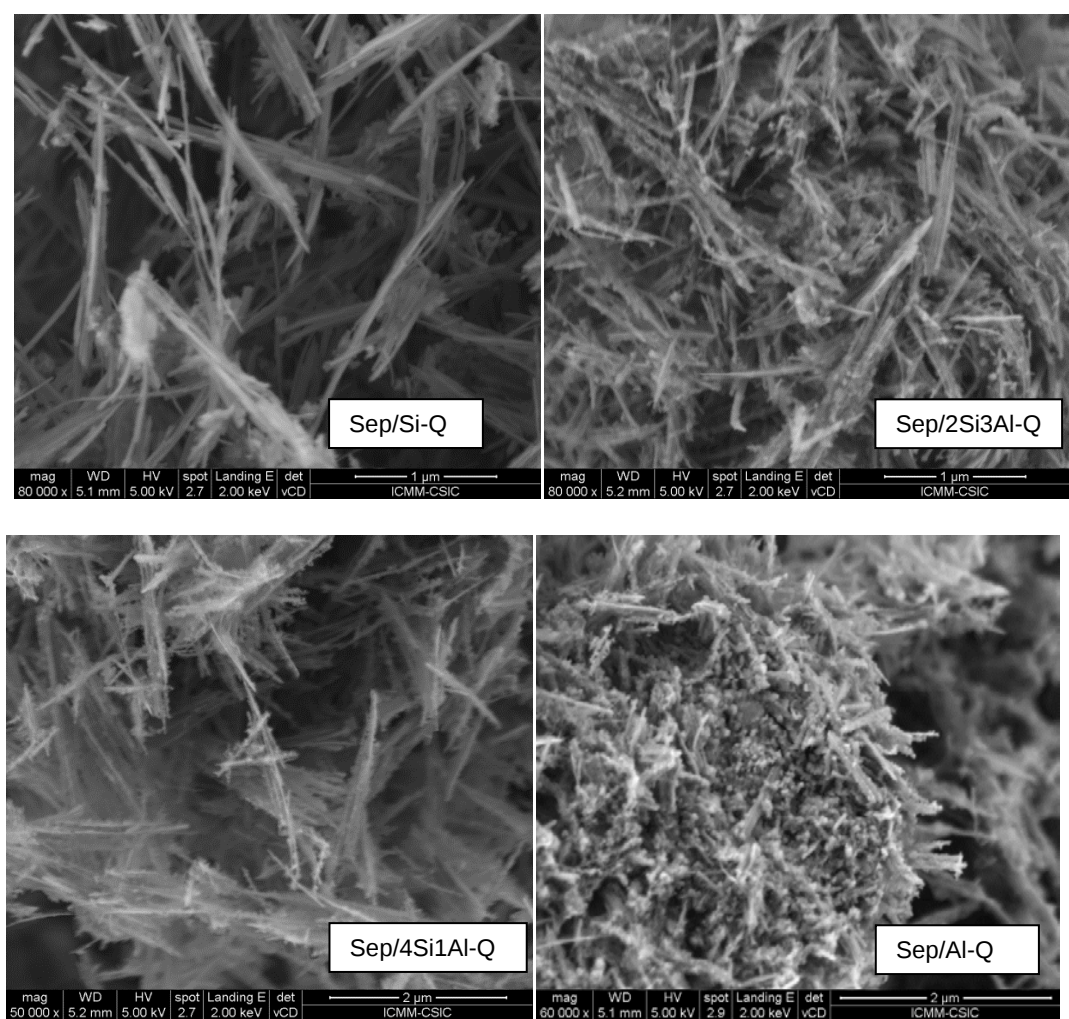


Fig. 3S. FE-SEM images for the nanoarchitectures before thermal treatment.

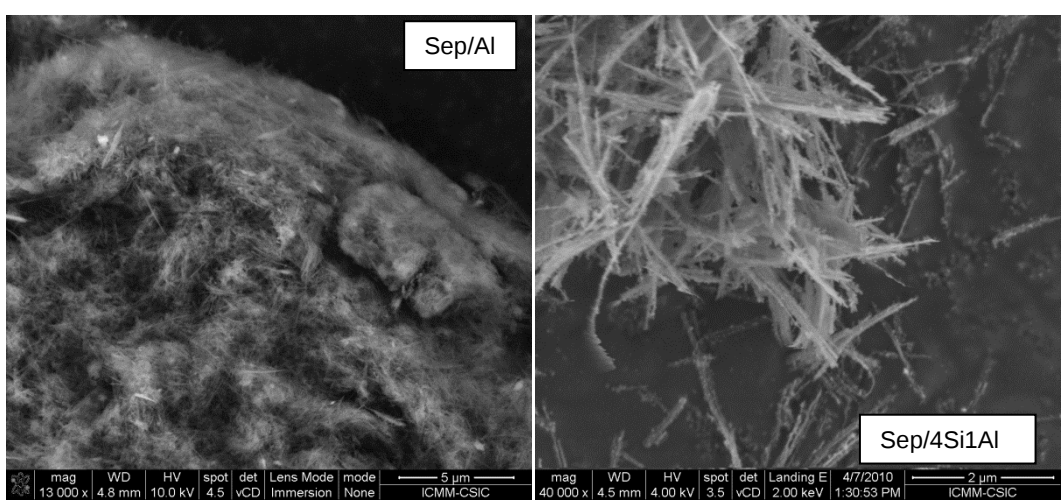


Fig. 4S. FT-IR spectra (3800-365 cm^{-1} region) of organo-sepiolite and two of the prepared silica-alumina/sepiolite nanoarchitectures, before and after calcination at 550°C. For comparison it is also included the spectrum of untreated pure sepiolite. All the spectra have been obtained in pure samples for avoiding changes in the $\nu_{\text{O-H}}$ (Si-OH) due to interactions with KBr solvent.

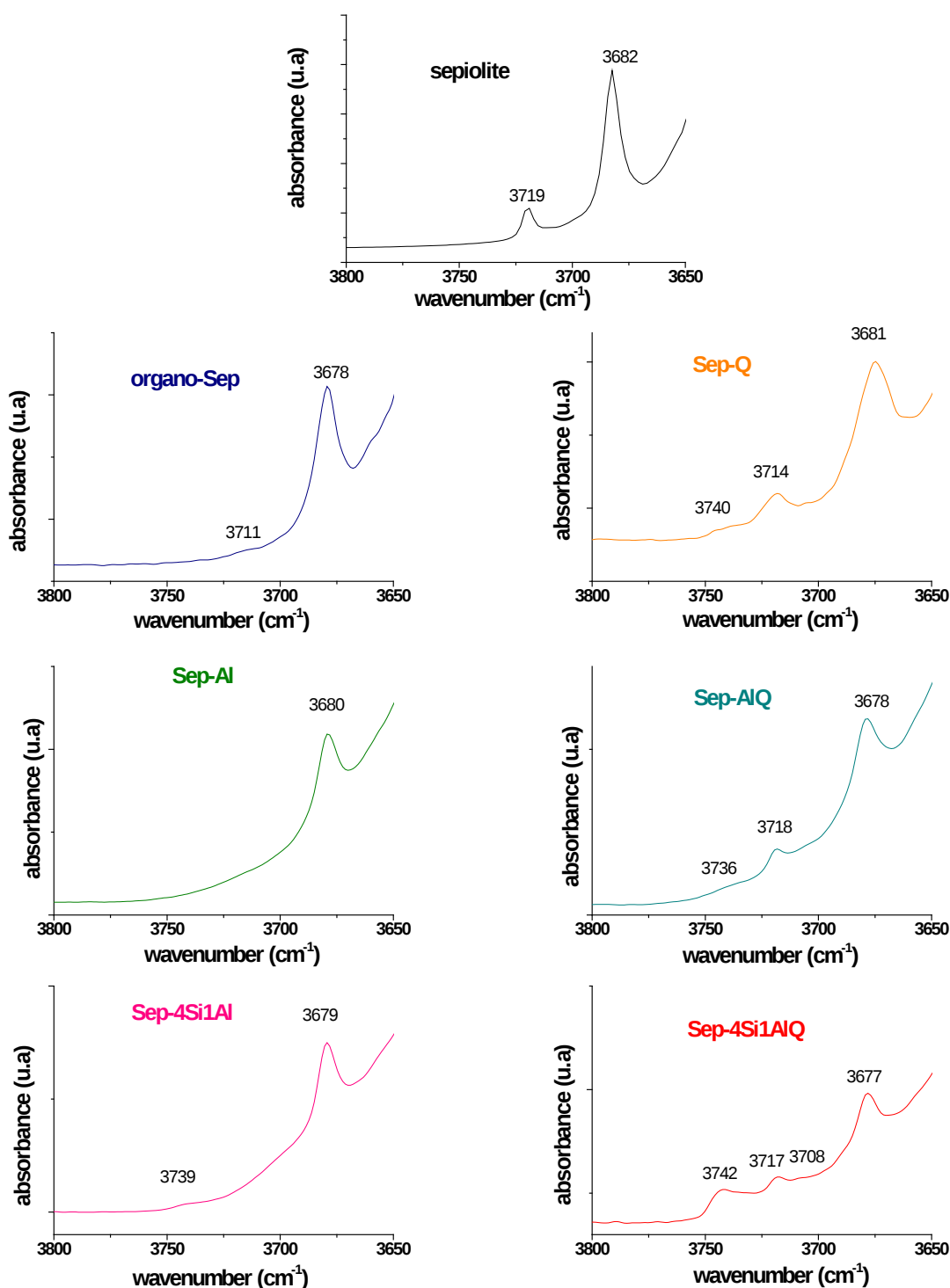


Fig. 5S. N₂ adsorption-desorption isotherms for the nanoarchitectures before thermal treatment.

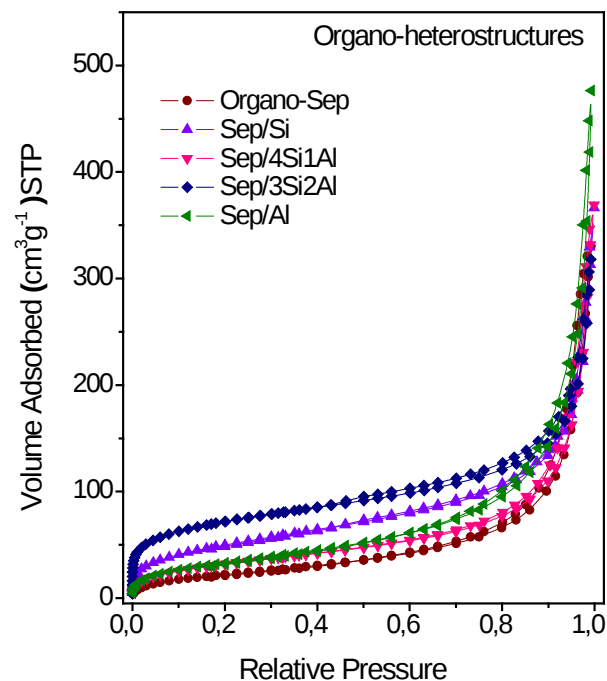


Fig. 6S. Thermogravimetric curves for the nanoarchitectures after exposition to cyclohexylamine vapor.

