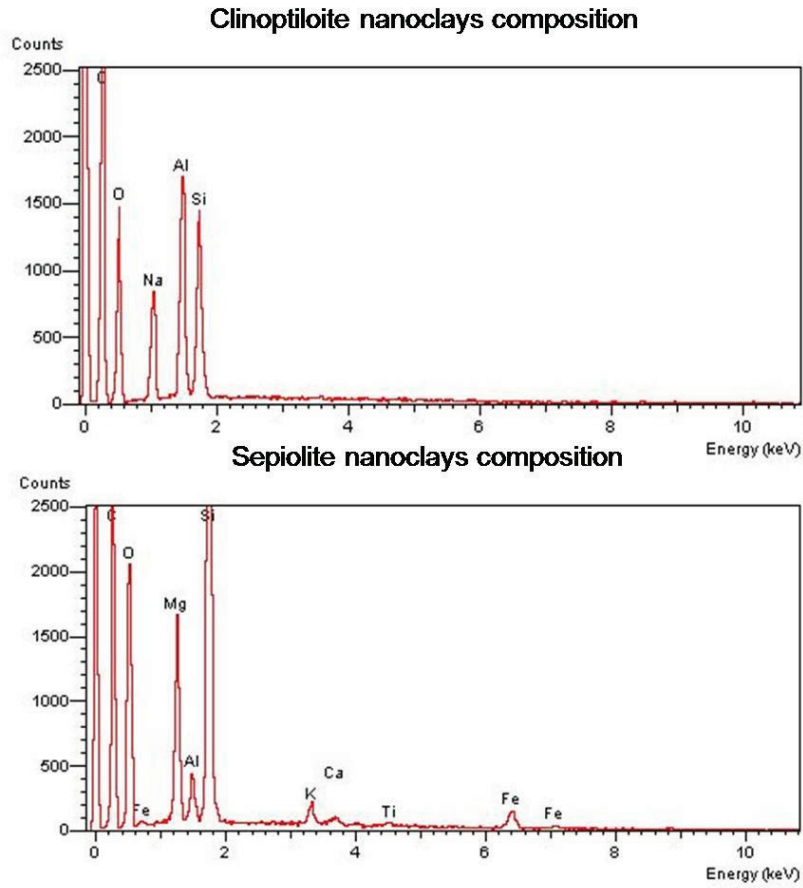


Figure S1. X-ray diffraction pattern of clinoptilolite and sepiolite nanoclays. The pics correspond to the diffraction planes. Sepiolite nanoclays match perfectly with the pattern of the PDF-2 database from the International Centre for Diffraction data and Clinoptilolite NC correspond to a Nickel Ammonium Aluminium Silicon Hydroxide Oxide Hydrate.



**Figure S2. Microanalysis of clinoptilolite and sepiolite nanoclays determined by SEM.** Metal content of nanoclays was the same that data found by atomic absorption.