

Article

Natural Clays as Potential Amino Acids Carriers for Animal Nutrition Application

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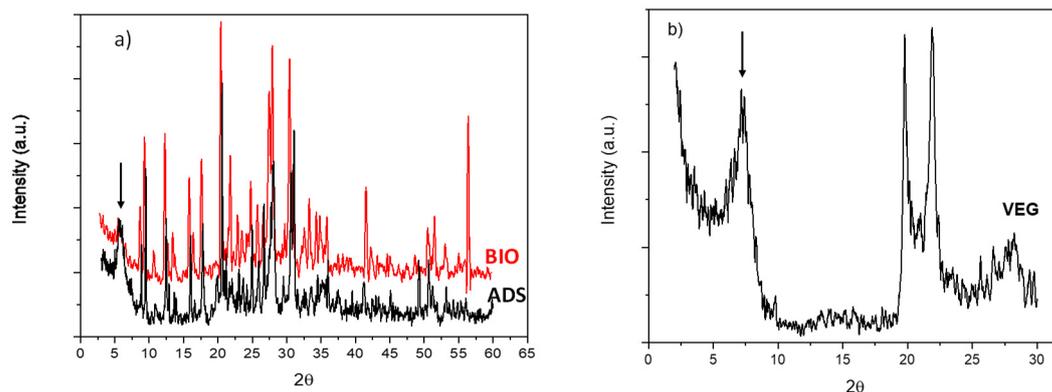


Figure S1. XRD patterns of the pristine carriers: a) Adsorbene and Bioki and b) Vegum. (arrows indicate basal reflection)

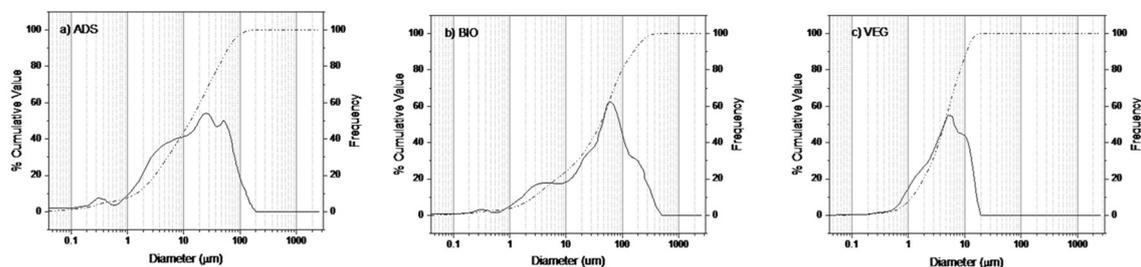


Figure S2. Granulometric analysis of a) Adsorbene, b) Bioki and c) Vegum.

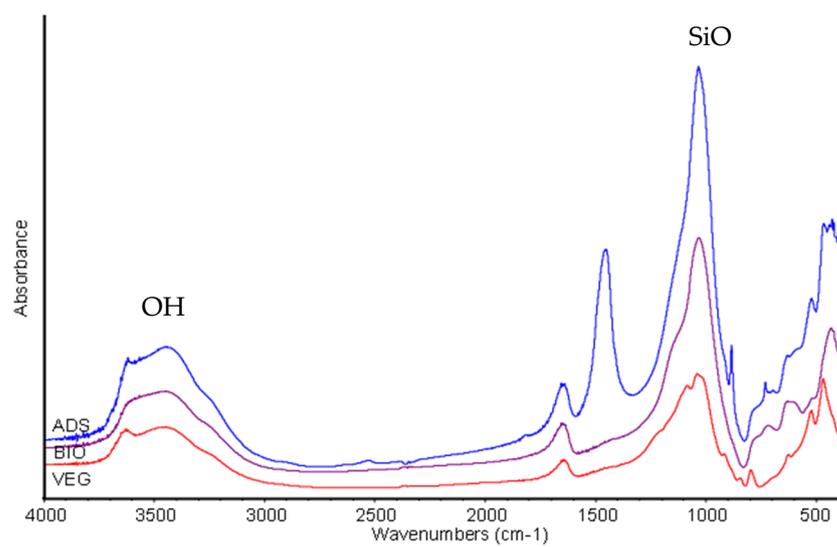


Figure S3. FTIR skeletal spectra of pristine carriers.

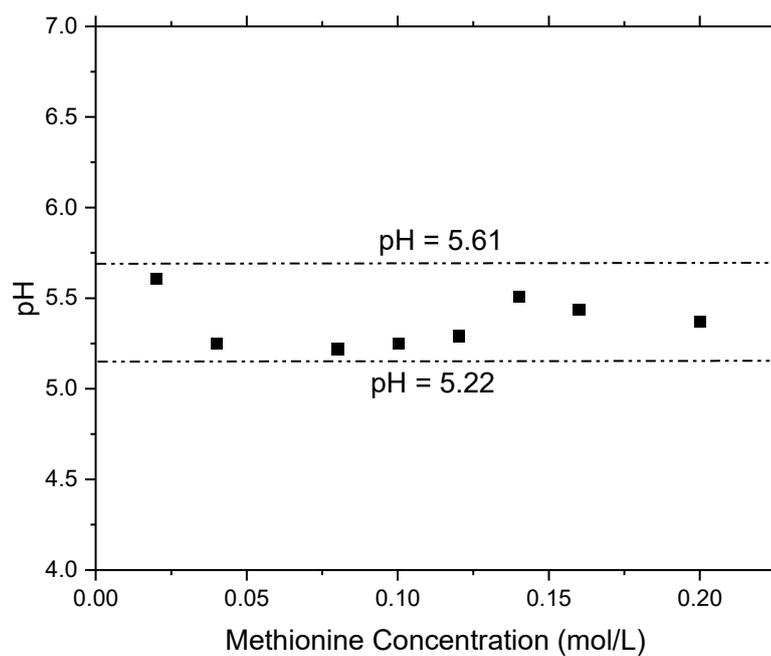


Figure S4. pH as a function of Methionine concentration in pure Methionine solution.

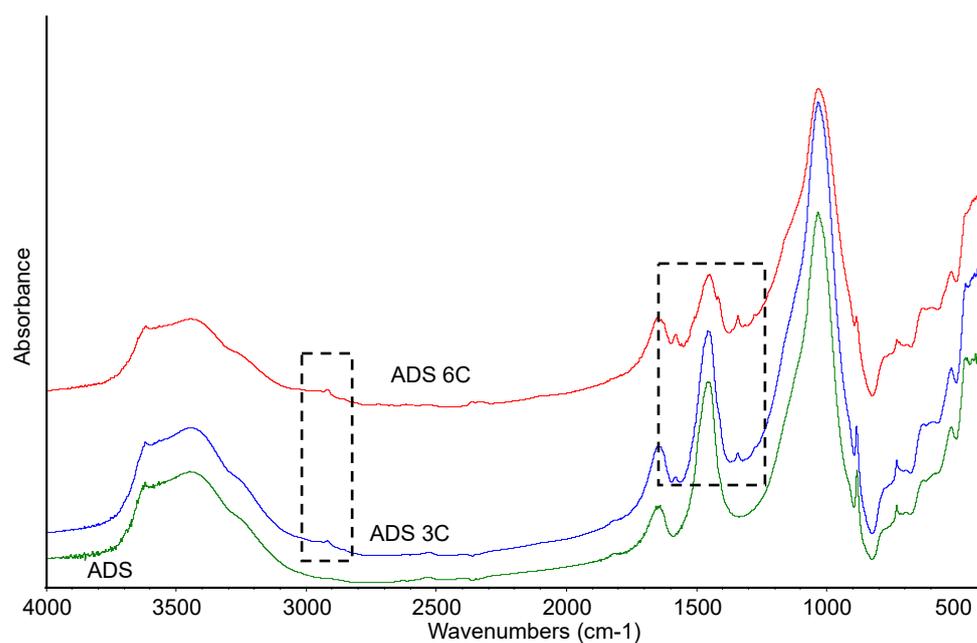


Figure S5. FT IR spectra of MET ADS samples and reference ADS after multiple contact tests (spectroscopic features of methionine molecules are evidenced, subtraction results are reported in the main text).

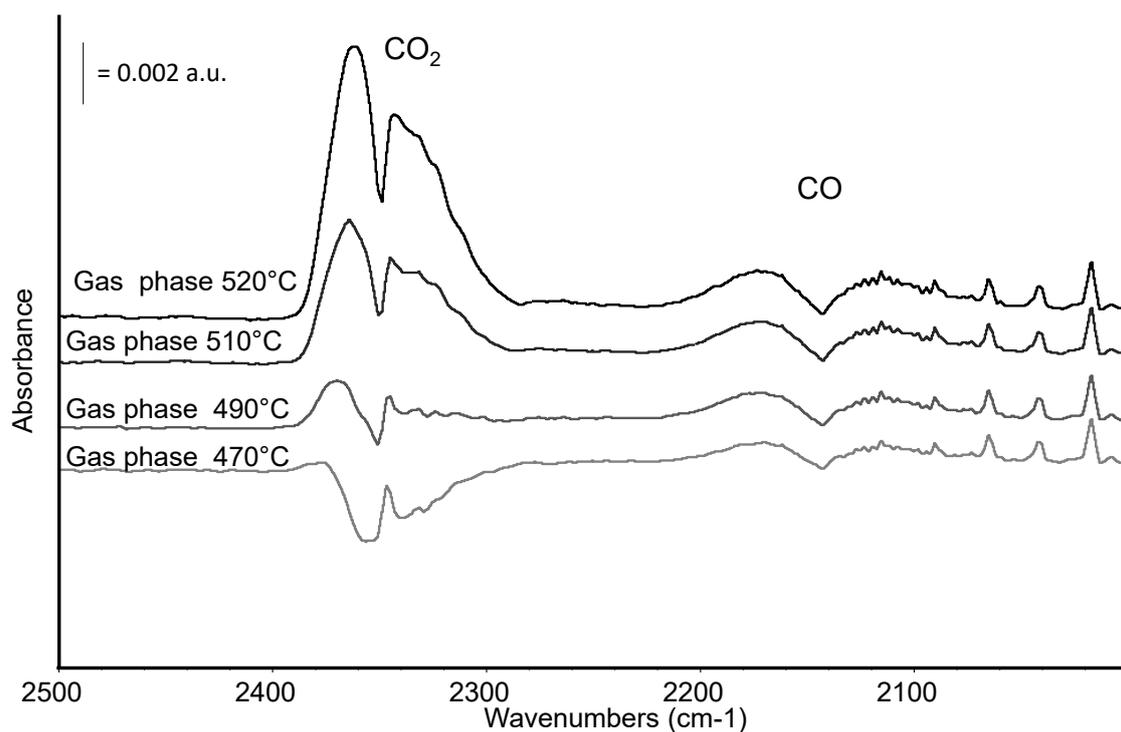


Figure S6. FT IR Spectra of the gas phase following heating at increasing temperature of MET-ADS 6C sample.