

Role of carboxylate chelating agents on the chemical, structural and textural properties of hydroxyapatite

Karima Achelhi,^{a,b} Sylvie Masse,^b Guillaume Laurent,^b Ahmed Saoiabi,^a Abdelaziz Laghzizil*^a and Thibaud Coradin*^b

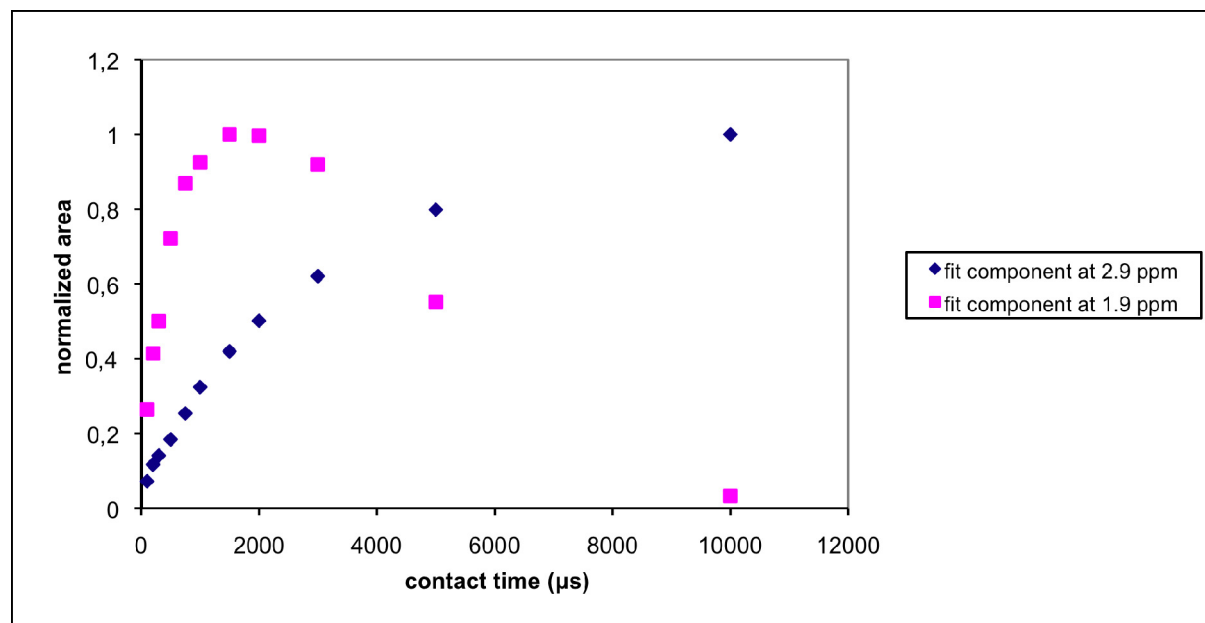
Electronic Supplementary Information

ESI-1: $\{^1\text{H}\}$ - ^{31}P cross-polarization curves for c-HAp

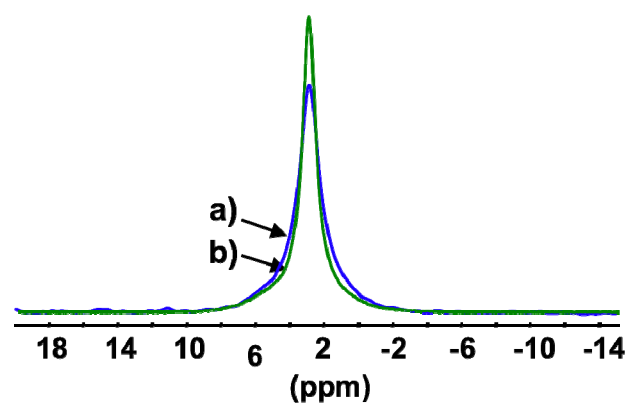
ESI-2 $\{^1\text{H}\}$ - ^{31}P CP MAS NMR spectrum at 10 ms contact time at a) 7.0 T and b) 11.7 T.

ESI-3: SEM images of carboxylate-modified samples

ESI-1: $\{^1\text{H}\}\text{-}^{31}\text{P}$ cross-polarization curves for c-HAp



ESI-2: $\{^1\text{H}\}-^{31}\text{P}$ CP MAS NMR spectrum at 10 ms contact time at a) 7.0 T and b) 11.7 T.



ESI-3: SEM images of all samples

