Electronic Supplementary Material (ESI) for RSC Advances.

Characterization of the Adsorption Dynamics of Trisodium Citrate on Gold in Water Solution

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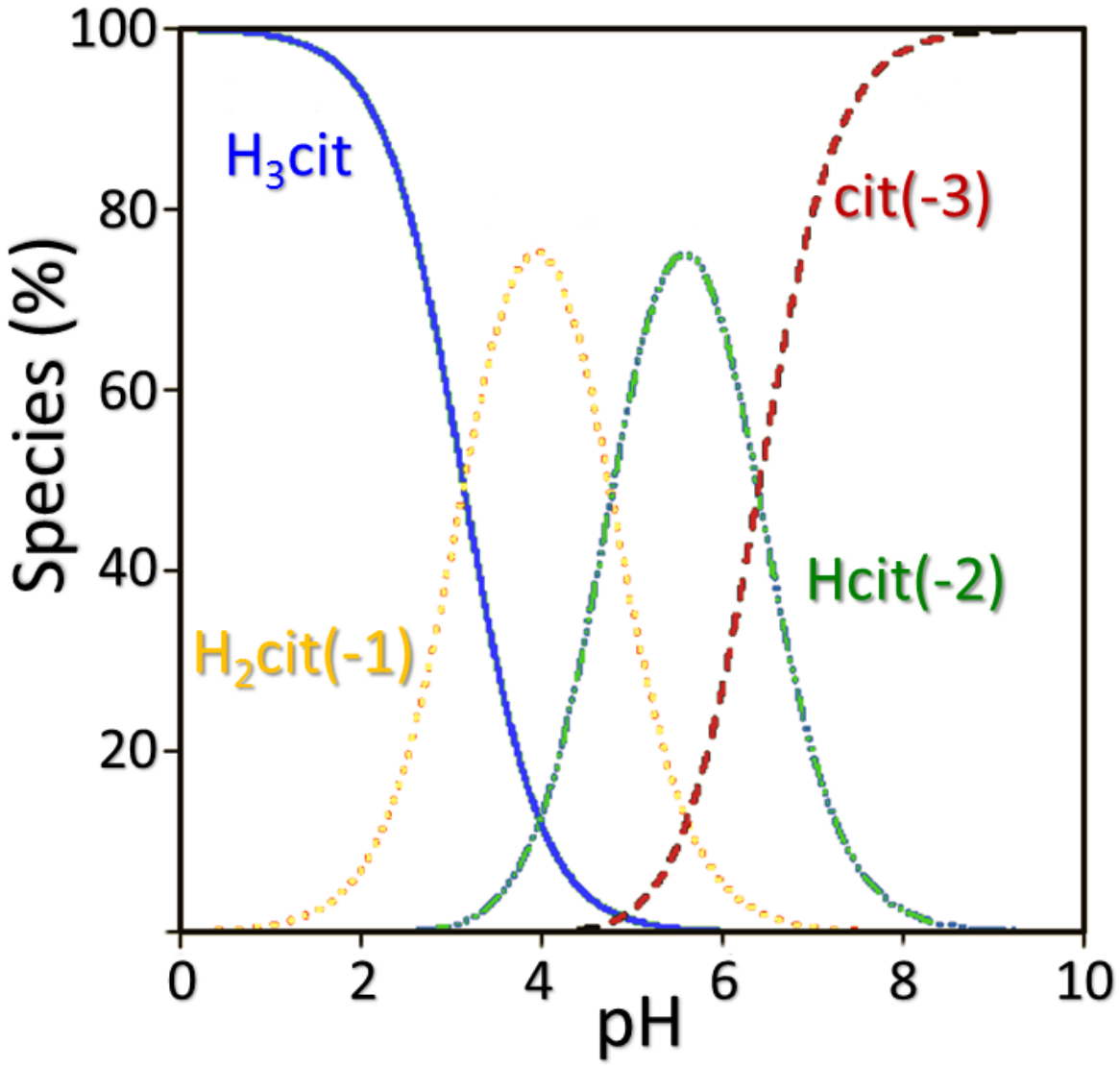

Figure 1S. Speciation of citric acid as a function of the pH. The curve trends have been extracted from the reference cited in the manuscript. H_3cit is the completed protonated citric acid and cit(-3) the deprotonated molecule.

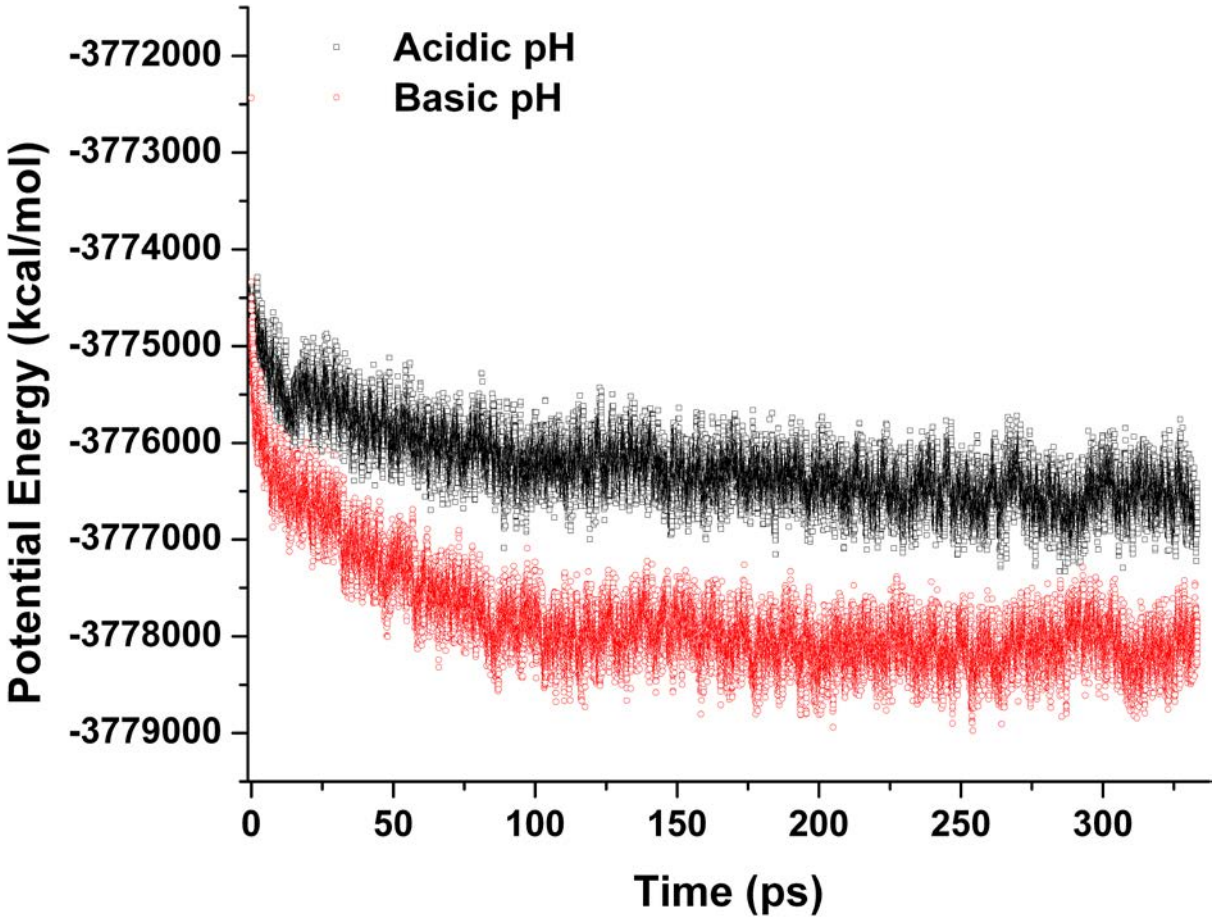

Figure 2S. Evolution of the potential energy of the whole system during equilibration (around 200 ps) and the initial picoseconds of the production stage.

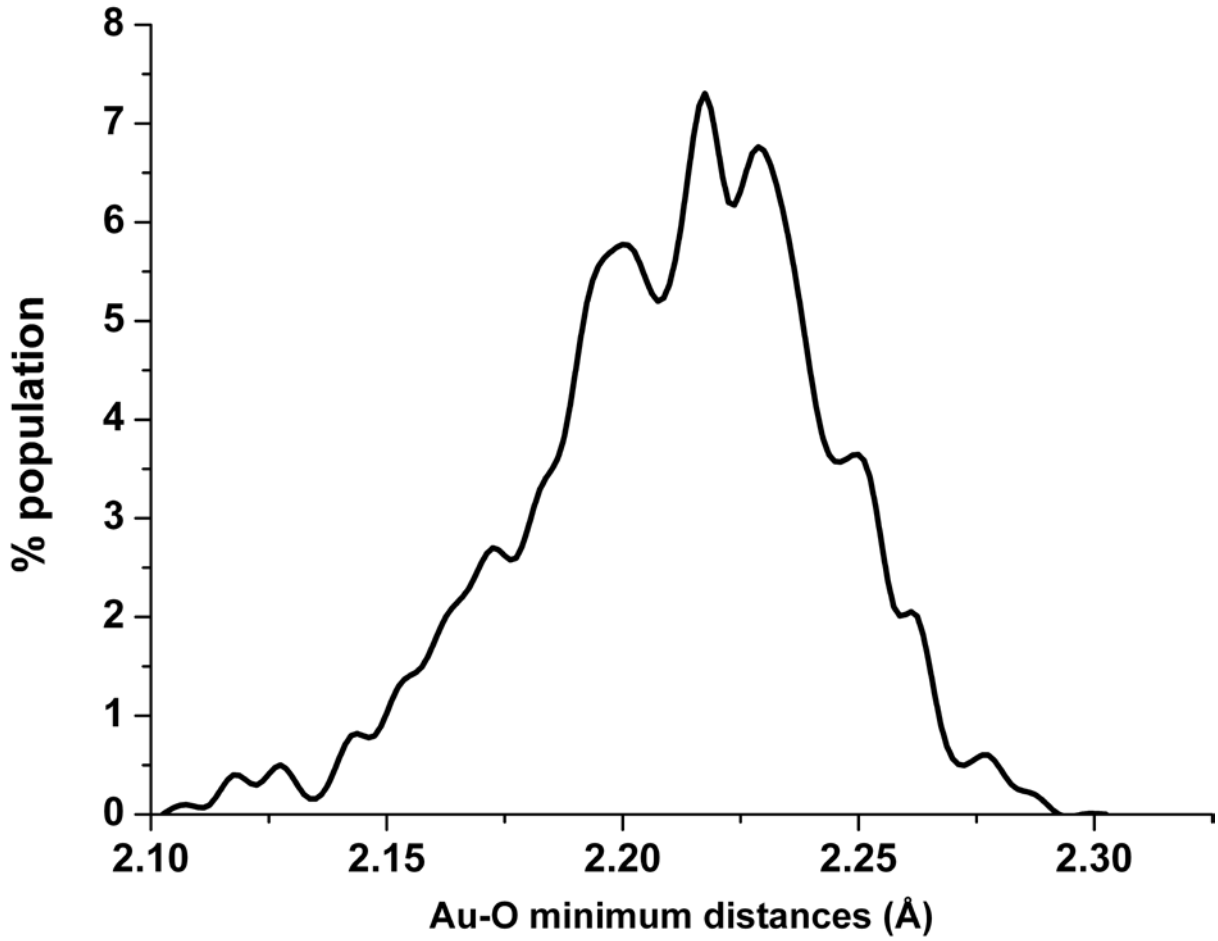

Figure 3S. Distribution of the Au-O(citrate) minimum distances (basic pH).