

Accessory material

Molecular modeling of iron and arsenic interactions with carboxy groups in natural biomass

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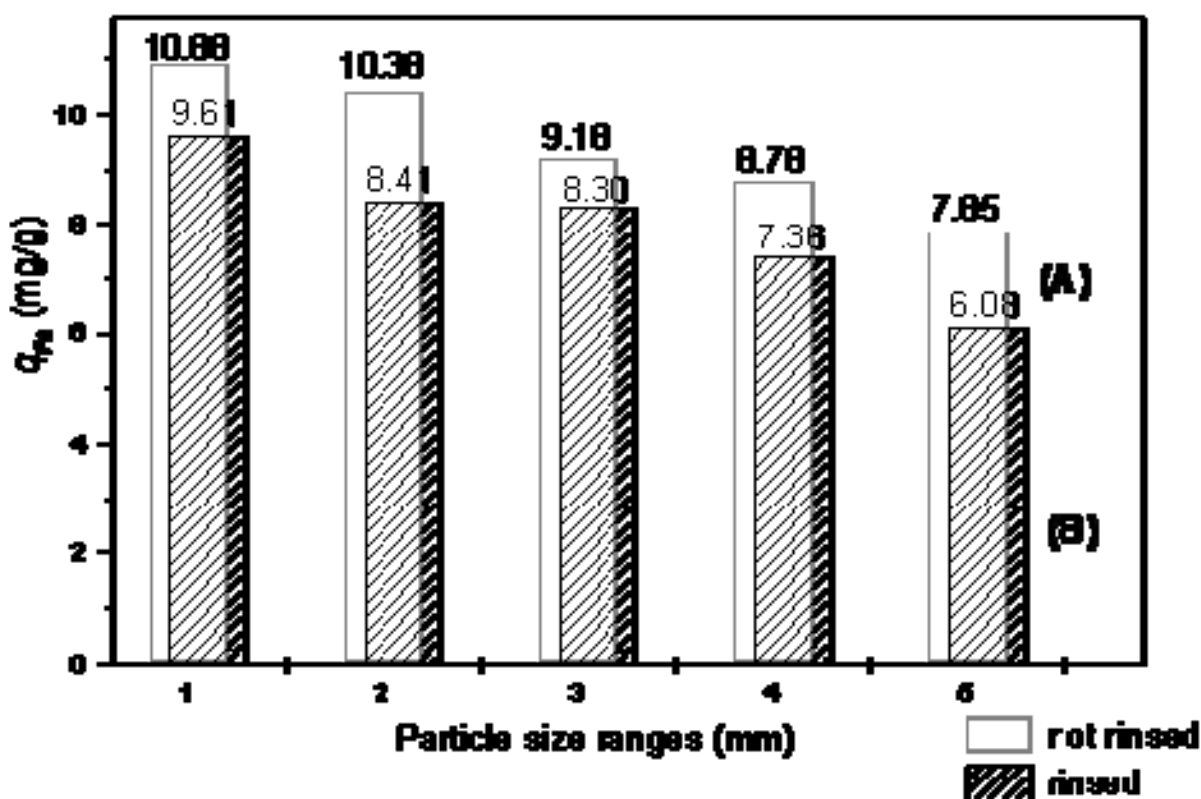


Fig. A1. Comparison of the iron sorption in (A) rinsed and (B) not rinsed acid-washed lettuce leaves; Particle size ranges: (1) less than 0.297 mm; (2) from 0.297 mm to 0.420 mm; (3) from 0.420 mm to 0.590 mm; (4) from 0.590 mm to 0.840 mm; (5) from 0.840 mm to 1.000 mm.

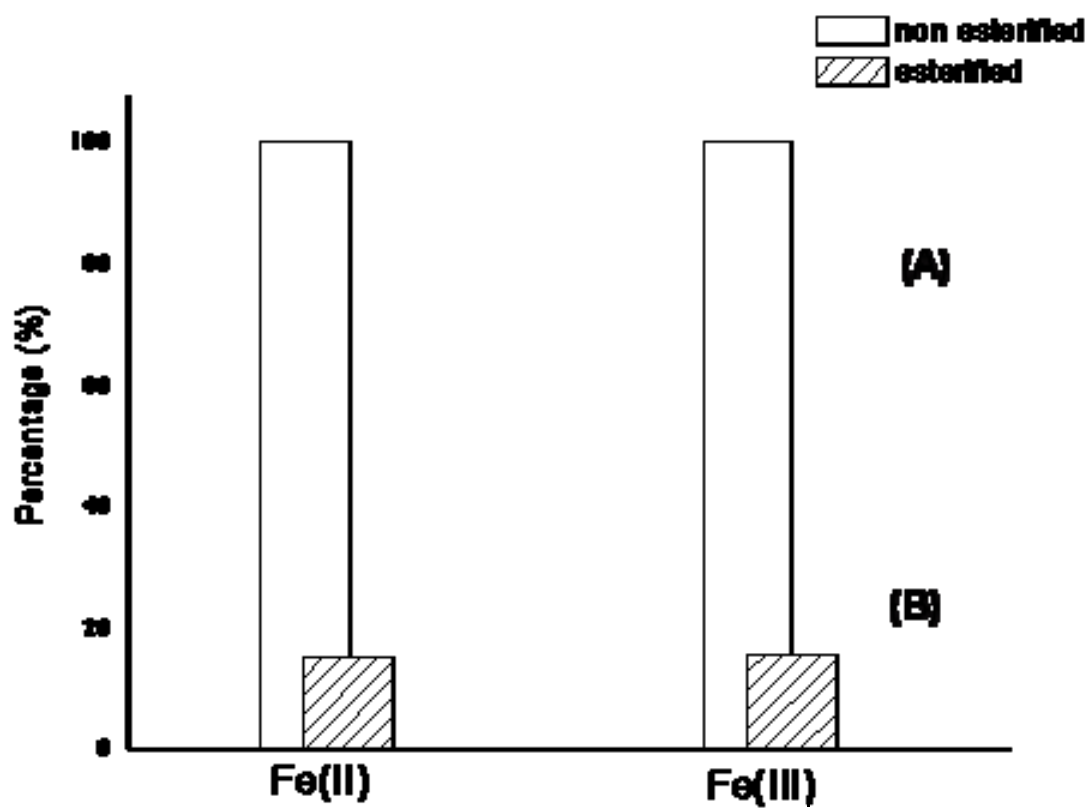


Fig. A2. Comparison of the iron sorption in (A) acid-washed and (B) esterified biomass.

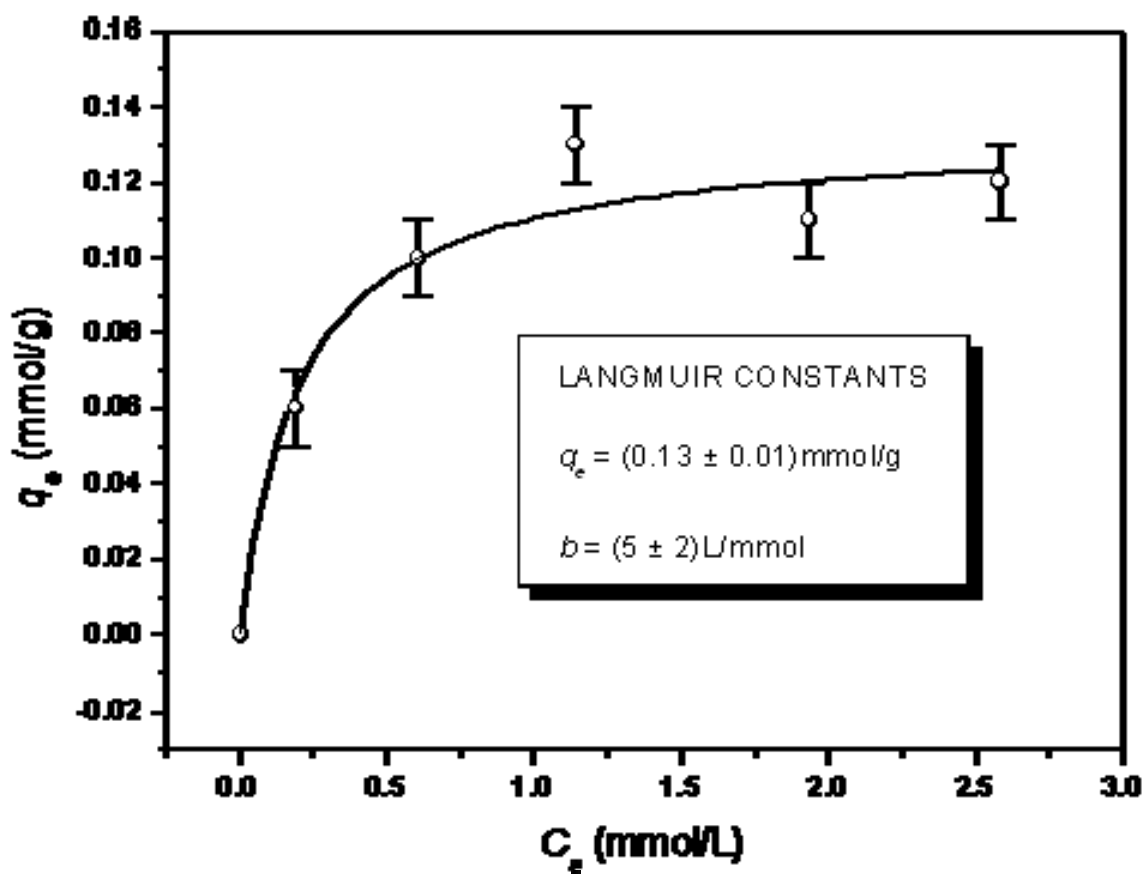


Fig. A3. Sorption isotherm of As^{V} by Fe^{III} -loaded biomass.