

Simple mathematical model

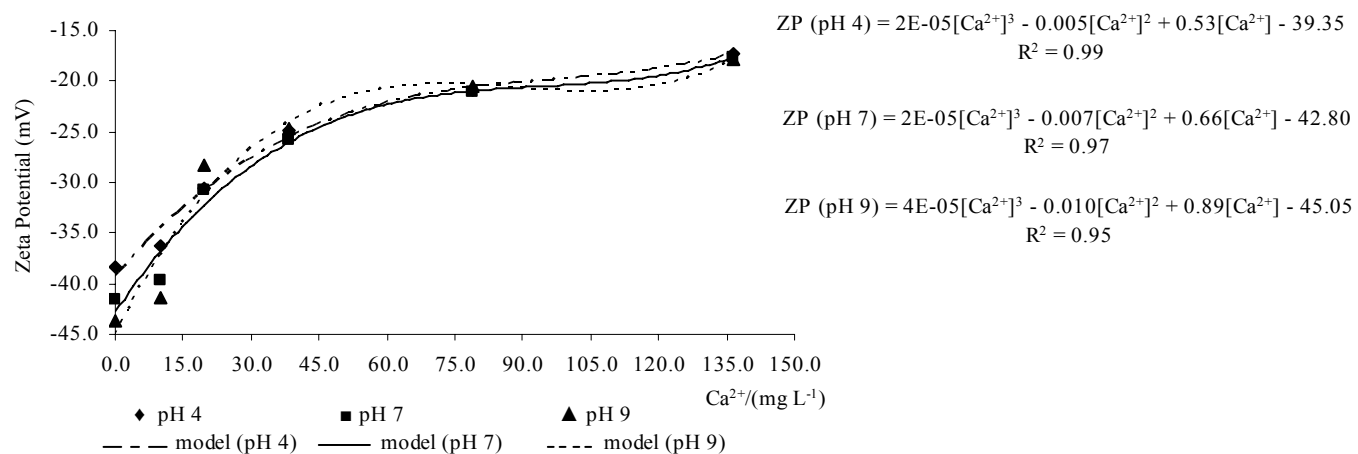


Fig. 1 Zeta potential of the HA suspension (10 mg L^{-1} carbon) as a function of pH at several calcium concentrations

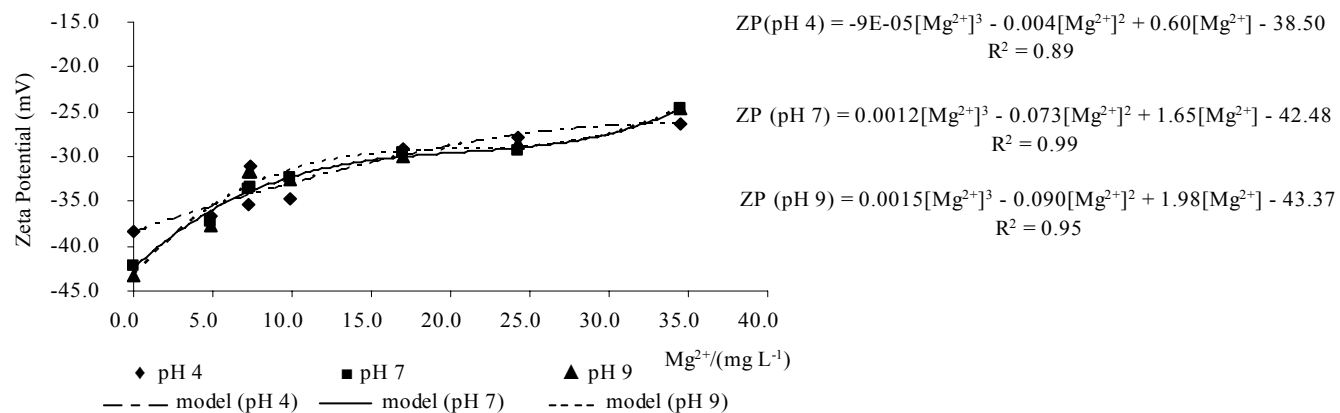


Fig. 2 Zeta potential of the HA suspension (10 mg L^{-1} carbon) as a function of pH at several magnesium concentrations

Empirical adsorption models

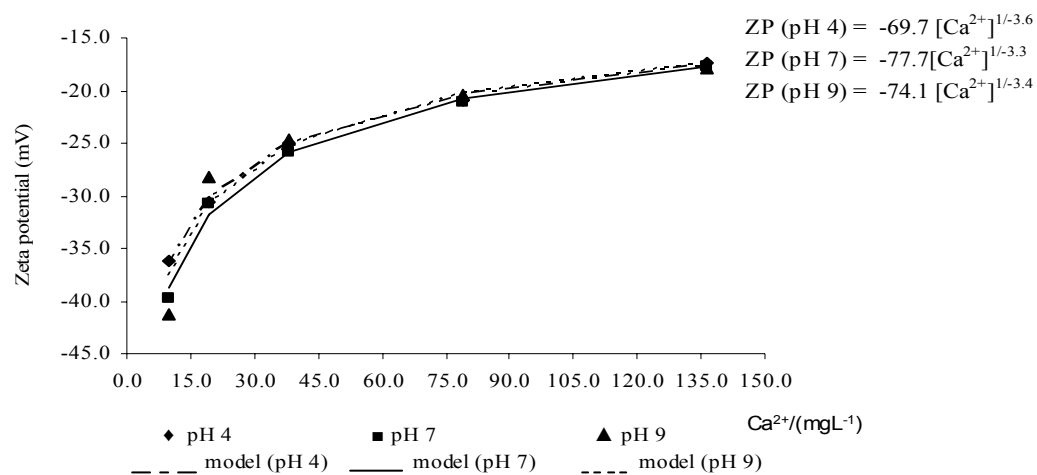


Fig. 3 Zeta potential of the HA suspension (10 mg L⁻¹ carbon) as a function of pH at several calcium concentrations

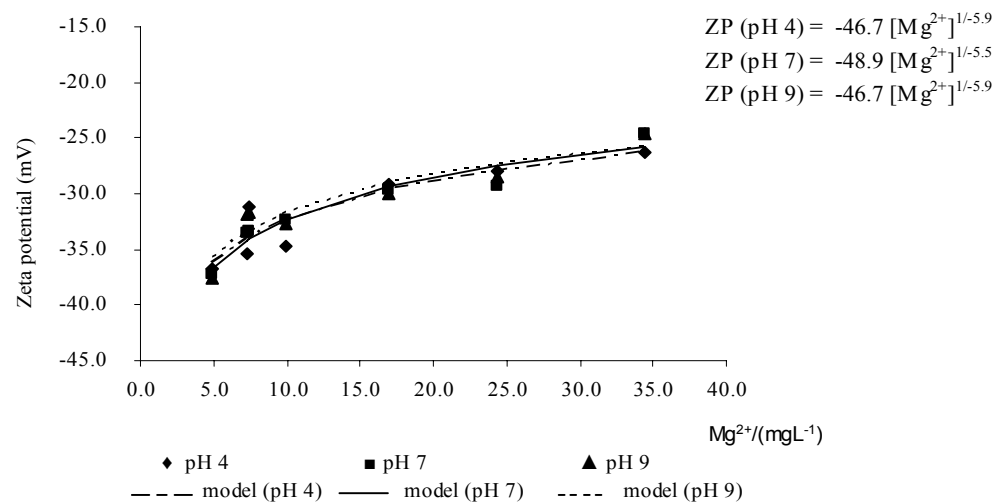


Fig. 4 Zeta potential of the HA suspension (10 mg L⁻¹ carbon) as a function of pH at several magnesium concentrations

References

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