

Supplementary Information

Ferric Stability Constants of Some Representative Marine Siderophores: Marinobactins, Aquachelins, and Petrobactin.

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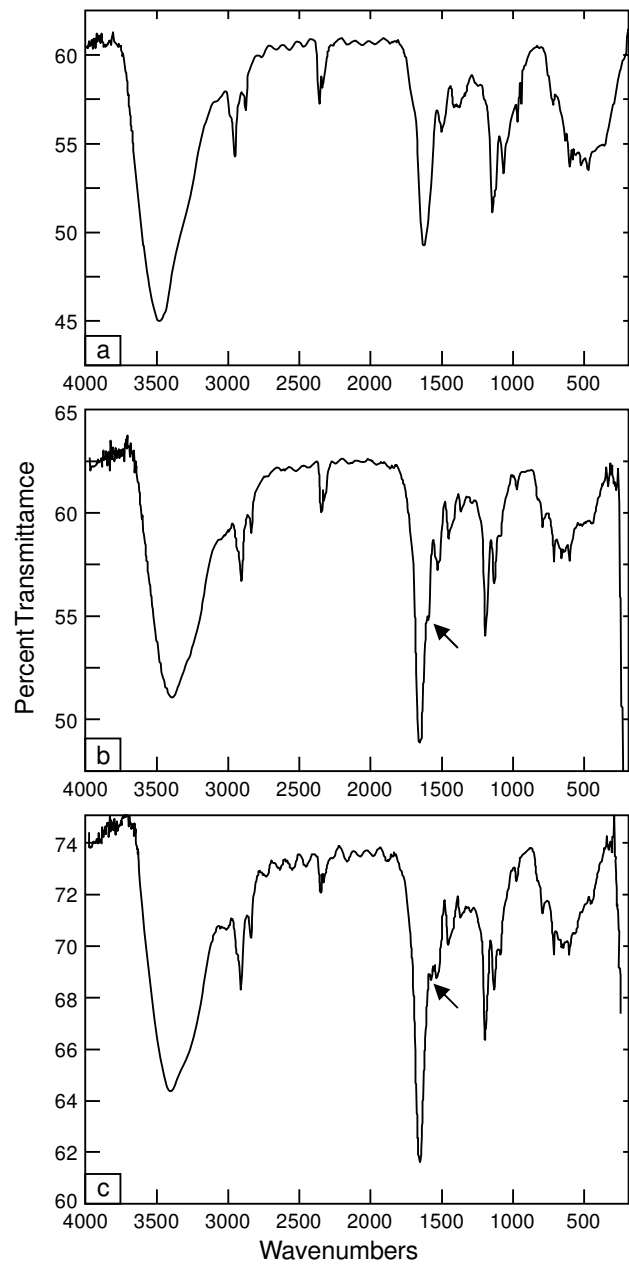


Figure S1. IR spectrum of **a.** apo-marinobactin C; **b.** Ga(III)-marinobactin C; **c.** Fe(III)-marinobactin C.

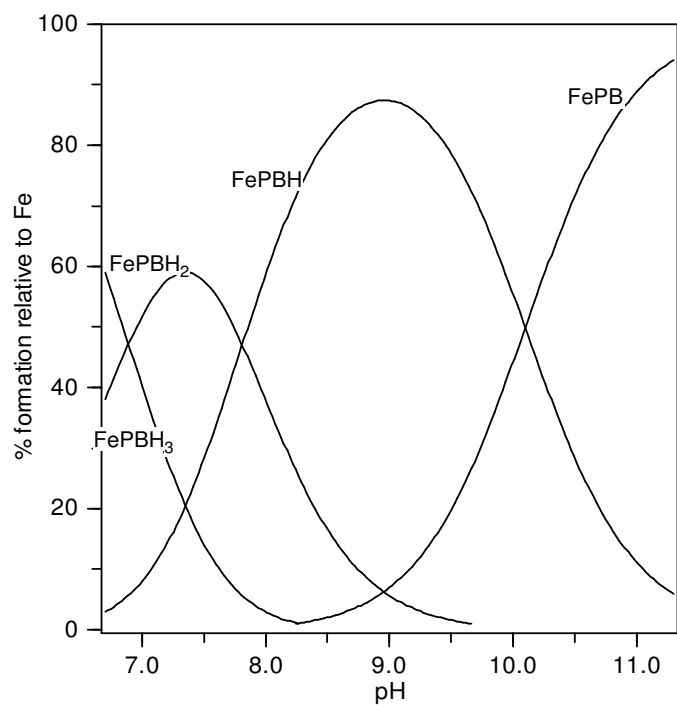


Figure S2. Species distribution diagram for Fe-Petrobactin between pH 6.7-11.3.

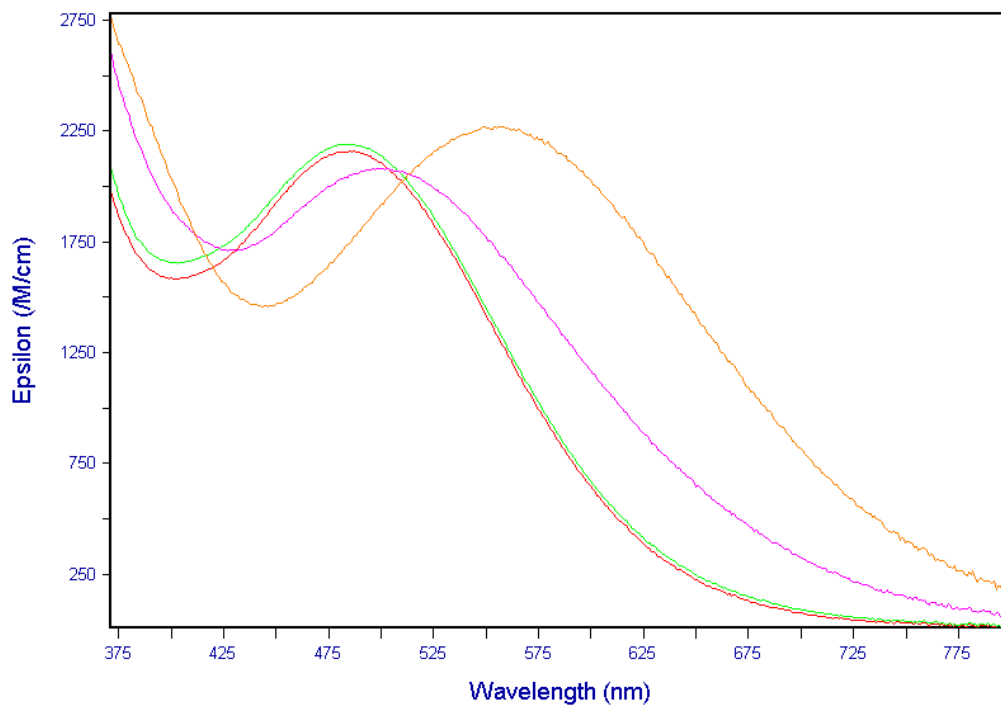


Figure S3. Calculated spectra from the spectrophotometric titration for the different protonated states of Fe(III)-petrobactin from pH 11.3 to 6.7. Spectra were calculated using SpecFit/32. FePB³⁻ is shown in red, FeHPB²⁻ in green, FeH₂PB⁻ in purple, and FeH₃PB in orange.