**Supplementary materials**

**Effects of pH and salinity on adsorption of hypersaline algal mat exoploymers to goethite: a study using quartz crystal microbalance**

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Fig. S1 The electrodeposition of goethite film on the QCM electrodes as a function of time.



Fig. S2 Change of EPS mass on the surface of goethite after addition of 200 μL of 0.1 M HCl or NaOH into 125 mL of the EPS-goethite system in equilibrium at pH 7.