

Table S1. Binding parameters of interaction of RH with Fe³⁺.

| System | K_{SV} ($10^5 M^{-1}$) | R | S.D. | K ($10^5 M^{-1}$) | n | R | S.D. |
|-------------------------|----------------------------|--------|------|-----------------------|------|--------|------|
| RH-Fe ³⁺ ion | 9.60 | 0.9936 | 0.45 | 3.80 | 1.17 | 0.9907 | 0.06 |