

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
212	Hydroxyiron(III) Ion	e <sub>aq</sub> <sup>-</sup> + Fe(OH) <sub>2</sub> <sup>+</sup> → FeOH <sup>+</sup>	~ 7	6.0 × 10 <sup>10</sup>	p.r.; D.k. at 650 nm; pK 2.46 and 4.5	76A256