

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
211	Iron(III) Ion	$\text{e}_{\text{aq}}^- + \text{Fe}^{3+} \longrightarrow \text{Fe}^{2+}$	acid	$6.0 \times 10^{10}$	p.r.; D.k.; perchlorate salt; extrapolated from picosecond measurement.	771105