

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
250	Hypoiodite Ion	$\text{e}_{\text{aq}}^- + \text{IO}^- \longrightarrow \text{IO}^{2-}$		$1.6 \times 10^{10}$	p.r.; D.k. at 710 nm in soln. contg. formate $5 \times 10^{-2}$ mol L <sup>-1</sup> OH <sup>-</sup> and IO <sup>-</sup> ( $1\text{-}5 \times 10^{-4}$ mol L <sup>-1</sup> ).	86A901