

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1240	1,4-Naphthoquinone-2-sulfonate Ion	$\text{e}_{\text{aq}}^- + 2\text{-SO}_3\text{NQ}^- \longrightarrow 2\text{-SO}_3\text{NQ}^{2-}$	~ 9.2	$2.6 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. 0.1 mol L <sup>-1</sup> tert-BuOH.	720171