

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1405	Succinate Ion	$\text{e}_{\text{aq}}^- + {}^-\text{O}_2\text{CCH}_2\text{CH}_2\text{CO}_2^- \longrightarrow$	10.0	3.1×10^7	p.r.; D.k. in unbuffered soln. contg. 10^{-3} mol L ⁻¹ EtOH.	670298
				7×10^5	p.r.; C.k. with <i>p</i> -bromophenol; obs. $G(\text{Br}^-)$; calcd. from pH study, 3.0-7.5.	720027