

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
31	Bromate ion	$\text{e}_{\text{aq}}^- + \text{BrO}_3^- \longrightarrow \text{BrO}_3^{2-}$		2.6×10^9	Average of 3 values.	
			~ 7	3.4×10^9	p.r.; D.k. at 550 nm in soln. contg. 10^{-1} mol L ⁻¹ EtOH and 0.01, 0.1 and 1 mol L ⁻¹ NaBrO ₃ ; <i>k</i> cor. for I.	700242
			13	2.3×10^9	p.r.; D.k. at 600 nm; counterion K ⁺ ; at <i>I</i> = 0.1 <i>k</i> _{obs} = 4.1×10^9 ; <i>k</i> cor. for I.	680153
			7	2.1×10^9	p.r.; D.k.; counterion K ⁺ .	650047