

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
30	Bromite Ion	$\text{e}_{\text{aq}}^- + \text{BrO}_2^- \longrightarrow \text{BrO} + \text{O}_2^{2-}$	13	1.1×10^{10}	p.r.; D.k. at 600 nm; counterions Na ⁺ , BrO ₃ ⁻ , Br ⁻ ; at $I = 0.1$, $k_{\text{obs}} = 1.8 \times 10^{10}$; k cor. for I .	680153