

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
6.1	Bromine dioxide	$\text{BrO}_2\cdot + \cdot\text{OH} \longrightarrow \text{H}^+ + \text{BrO}_3^-$	nat	2.0×10^9	p.r.; D.k. in N ₂ -satd. soln. contg. 4×10^{-3} mol L ⁻¹ BrO ₃ ⁻ .	82A169