

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
64	Perchlorate Ion	$\text{e}_{\text{aq}}^- + \text{ClO}_4^- \longrightarrow$	$\sim 10$	$< 1 \times 10^6$	p.r.; D.k.; concn. $10^{-2}$ mol L <sup>-1</sup>	640046
				$< 1 \times 10^6$	p.r.	640132