

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
388	Perrhenate(VII) Ion	$\text{e}_{\text{aq}}^- + \text{ReO}_4^- \longrightarrow \text{ReO}_4^{2-}$	7	$1.3 \times 10^{10}$	p.r.; D.k. at 680 nm in N <sub>2</sub> -purged soln. contg. 0.1 mol L <sup>-1</sup> <i>tert</i> -BuOH; same rate in basic (0.01 mol L <sup>-1</sup> NaOH) soln.	85A234