

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
351	Lead(II) Ions	$\text{e}_{\text{aq}}^- + \text{Pb(II)} \longrightarrow \text{Pb(I)}$	12.3	$1.2 \times 10^9$	p.r.; D.k. at 720 nm; counterion $\text{ClO}_4^-$ .	82A425
			14	$1.0 \times 10^{10}$	p.r.; D.k.; soln. contains 1 mol L <sup>-1</sup> NaOH; at 3 mol L <sup>-1</sup> OH <sup>-</sup> $k = 9.2 \times 10^9$ .	650047