No.	Compound name	Reaction equation	pH	Rate constant $(\text{L}\,\text{mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
457	Uranium(IV) Ion	$e_{aq}^- + U^{4+} \longrightarrow U^{3+}$	~ 0	1.0×10^{11}	p.r.; C.k.; obs. absorption of U(III) in soln. contg. 0.01-0.1 mol L^{-1} U(IV) and 1 mol L^{-1} $HClO_4$; $pK_h = 0.68$; rel. to $k(e_{aq}^- + H^+) = 1.15 \times 10^{10}$ for 1 mol L^{-1} H^+.	81A410; 85A23(