

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
329	Tris(carbonato)dioxoneptunate(VI) Ion	$\text{e}_{\text{aq}}^- + \text{NpO}_2(\text{CO}_3)_3^{4-} \longrightarrow \text{NpO}_2(\text{CO}_3)_3^{6-}$		$2.3 \times 10^{10}$	p.r.; D.k. at 600 nm in 0.05 mol L <sup>-1</sup> sodium carbonate soln.	84A155
				$1.9 \times 10^{10}$	p.r.; D.k. in soln. contg. 0.05 mol L <sup>-1</sup> Na <sub>2</sub> CO <sub>3</sub> and 0.05 mol L <sup>-1</sup> NaHCO <sub>3</sub> to 5 mol L <sup>-1</sup> CO <sub>3</sub> <sup>2-</sup> ; Calcd. $k = 2.1 \times 10^9$ for $I = 0$ [751177].	741170