

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
103	Pentaammine(azido)cobalt(III) Ion	$\text{e}_{\text{aq}}^- + \text{Co}(\text{NH}_3)_5\text{N}_3^{2+} \longrightarrow$		6.7×10^{10}	Average of 2 values.	
			5-6	7.2×10^{10}	p.r.; D.k. at 575 nm; counterion ClO ₄ ⁻ .	690428
			6.3-8.2	6.3×10^{10}	p.r.; D.k.; counterion ClO ₄ ⁻ ; $I = 4 \times 10^{-2}$.	680295