

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
92	Tris(1,10-phenanthroline)cobalt(III) ion	$\text{e}_{\text{aq}}^- + \text{Co}(\text{phen})_3^{3+} \longrightarrow$	~ 7	7.5×10^{10}	p.r.; D.k. at 690 nm; counterion ClO_4^- ; soln. contains $< 10^{-3}$ mol L ⁻¹ H ₂ .	690186