

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
117	Pentaammine(thiocyanato-N)cobalt(III) Ion	$\text{e}_{\text{aq}}^- + \text{Co}(\text{NH}_3)_5\text{NCS}^{2+} \longrightarrow$	5-6	7.3×10^{10}	p.r.; D.k. at 575 nm, counterion SO_4^{2-} .	690428