

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
105	Tetraammine(aqua)cyanocobalt(III) Ion	$\text{Co}(\text{NH}_3)_4(\text{H}_2\text{O})\text{CN}^{2+} \longrightarrow$	6.1	$5.6 \times 10^{10}$	p.r.; D.k.; counterion $\text{ClO}_4^-$ ; $I = 4 \times 10^{-2}$ .	680295