

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
48	Pentaammine(chloroacetato-O)cobalt(III) ion	$\text{H}^\cdot + \text{Co}(\text{NH}_3)_5\text{O}_2\text{CCH}_2\text{Cl}^{2+} \longrightarrow$		1.7×10^7	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730512