

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
30	Tetraamminedichlorocobalt(III) Ion	$\text{H}^\cdot + \text{Co}(\text{NH}_3)_4\text{Cl}_2^+ \longrightarrow$	3.5	$2.8 \times 10^8{}^a$	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730517