

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
47	(Acetato)pentaamminecobalt(III) Ion	$\text{H}^\bullet + \text{Co}(\text{NH}_3)_5\text{O}_2\text{CCH}_3^{2+} \longrightarrow$		1.3×10^6	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730512