

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
53	Pentaammine(butanoato-O)cobalt(III) ion	$\text{H}\cdot + \text{Co}(\text{NH}_3)_5\text{O}_2\text{C}(\text{CH}_2)_2\text{CH}_3^{2+} \longrightarrow$		3.6×10^6	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730512