

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
50	Pentaammine(trichloroacetato-O)cobalt(III) ion	$\text{H}^\bullet + \text{Co}(\text{NH}_3)_5\text{O}_2\text{CCCl}_3^{2+} \longrightarrow$	5.5	5.5×10^5	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730512