

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
411	Chloropentaammine- ruthenium(III) Ion	$\text{e}_{\text{aq}}^- + \text{Ru}(\text{NH}_3)_5\text{Cl}^{2+} \longrightarrow \text{Ru}(\text{NH}_3)_5\text{Cl}^+$		$6.1 \times 10^{10}$	Average of 2 values.	
			$6.0 \times 10^{10}$	p.r.; D.k.	730107	
			$6.2 \times 10^{10}$	p.r.; D.k.	700178	