

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
337	Pentaammine(chloro)osmium(III) Ion	$\text{e}_{\text{aq}}^- + \text{Os}(\text{NH}_3)_5\text{Cl}^{2+} \longrightarrow \text{Os}(\text{NH}_3)_6^{3+}$	4.8	$> 5 \times 10^9$	p.r.; Soln. Ar-satd. contg. acetate buffer, 0.1 mol L ⁻¹ <i>tert</i> -BuOH and 10 ⁻⁴ mol L ⁻¹ complex; <i>I</i> = 0.01.	82A145