No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
408	Pentammine(nitroso)ruthenium(III) Ion	e_{aq}^{-} + $Ru(NH_3)_5NO_3^{2+}$ $\longrightarrow$ $Ru(NH_3)_5NO_2^{+}$	8.6	5.3×10^{10}	p.r.; D.k. at 700 nm in Ar-satd. soln. contg. 0.5 mol L^{-1} tert-BuOH.	751049