

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
144	Chromium(III) Ions	$\text{e}_{\text{aq}}^- + \text{Cr(III)} \longrightarrow$		5.0×10^{10}	Average of 2 values.	
			7.1	6.0×10^{10}	p.r.; D.k.; counterion ClO_4^- ; at pH 10.9 $k = 4.6 \times 10^{10}$.	650047
				4.0×10^{10}	p.r.; D.k.; counterion ClO_4^- .	650044