No. Compound name	Reaction equation	pH Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$	Comments	Reference
141 Chromium(II) Ion	$e_{aq}^- + Cr^{2+} \longrightarrow Cr^+$	$4.8-5.1 1.5 \times 10^{10}$ 6.9	p.r.; D.k. at 600 nm. 4.2×10^{10}	741142 p.r.; D.k.; C