

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
146	Tris(ethylenediamine)chromium(III) Ion	$e_{aq}^- + Cr(en)_3^{3+} \longrightarrow$		$6.4 \times 10^{10}$	Average of 2 values.	
		$e_{aq}^- + Cr(en)_3^{3+} \longrightarrow$	6.83	$5.3 \times 10^{10}$	p.r.; D.k.; counterion Cl <sup>-</sup> ; <i>pK</i> of ligand 6.8, 9.9.	650018
		$e_{aq}^- + Cr(en)_3^{3+} \longrightarrow$		$7.5 \times 10^{10}$	p.r.; D.k.; counterion ClO <sub>4</sub> <sup>-</sup> .	650044