

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
145	Chromate(II) Ion	e <sub>aq</sub> <sup>-</sup> + CrO <sub>2</sub> <sup>-</sup> →	14	2.0 × 10 <sup>8</sup>	p.r.; D.k.; counterion Na <sup>+</sup> ; soln. contains 1 mol L <sup>-1</sup> NaOH; in 3 mol L <sup>-1</sup> OH <sup>-</sup> <i>k</i> = 2.2 × 10 <sup>8</sup> .	650047