

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
163	Dichromate(VI) Ion	e <sub>aq</sub> <sup>-</sup> + Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> →		2.9 × 10 <sup>10</sup> ~ 7 ~ 7.0	p.r.; D.k. at 600 nm; counterion K <sup>+</sup> ; <i>k</i> cor. for I. 6.0 × 10 <sup>10</sup> 3.3 × 10 <sup>10</sup>	84A459 p.r.; D.k. at 550 p.r.; D.k.; at pH