

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
692	-Bromotetronate Ion	e <sub>aq</sub> <sup>-</sup> + BrT <sup>-</sup> →	7	4.4 × 10 <sup>9</sup>	p.r.; D.k. at 600 nm in soln. contg. 10 <sup>-3</sup> mol L <sup>-1</sup> phosphate buffer and 0.1 mol L <sup>-1</sup> tert-BuOH. At pH 10.5 <i>k</i> = 2.5 × 10 <sup>9</sup> ; <i>I</i> = 0.03.	741053