

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
27	Bromine	e <sub>aq</sub> <sup>-</sup> + Br <sub>2</sub> →		5.3 × 10 <sup>10</sup>	p.r.; D.k. at 600 nm; detd. in Br <sub>2</sub> -Br <sup>-</sup> soln.	771005