

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
96	Iodide ion	H· + I <sup>-</sup> → HI <sup>-</sup>	~ 7	3.4 × 10 <sup>7</sup>	γ-r.; C.k.; obs. G(H <sub>2</sub> ); rel. to <i>k</i> (H· + HCO <sub>2</sub> <sup>-</sup> ).	720264