

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
16	Chloride Ion	H <sup>•</sup> + Cl <sup>-</sup> →	~ 7	< 1 × 10 <sup>5</sup>	γ-r.; No reaction; c.k. with HCO <sub>2</sub> <sup>-</sup> ; obs. G(H <sub>2</sub> ).	720264