

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
71	Copper(I) Ion	$\text{H} \cdot + \text{Cu}^+ \longrightarrow \text{CuH}^+$	5.6	$\sim 5.0 \times 10^9$	p.r.; P.b.k. at 340 nm in 10 <sup>-3</sup> mol L <sup>-1</sup> CuSO <sub>4</sub> soln. under 100 atm H <sub>2</sub> .	82A104