

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
167	Copper(II) Ions	e <sub>aq</sub> <sup>-</sup> + Cu(II) → Cu(I)	14	5.8 × 10 <sup>9</sup>	p.r.; D.k.; counterions ClO <sub>4</sub> <sup>-</sup> , Na <sup>+</sup> ; at 3 and 5 mol L <sup>-1</sup> OH <sup>-</sup> <i>k</i> = 4.5 × 10 <sup>9</sup> and 3.4 × 10 <sup>9</sup> , resp.	650047