

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
107	(Aqua)pentacyanocobaltate(III) ion	e <sub>aq</sub> <sup>-</sup> + Co(CN) <sub>5</sub> H <sub>2</sub> O <sup>2-</sup> →	7	1.2 × 10 <sup>10</sup>	p.r.; D.k. at 578 nm; counterion K <sup>+</sup> ; <i>pK</i> = 10.	710364