

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
137	\{\}mu-Amido-\{\}mu-superoxidotetrakis(ethylenediamine)Co(III) Ion	e <sub>aq</sub> <sup>-</sup> + O <sub>2</sub> [Co(en) <sub>2</sub> ]NH <sub>2</sub> <sup>4+</sup> → O <sub>2</sub> [Co(en) <sub>2</sub> ]NH <sub>2</sub> <sup>3+</sup>		9.7 × 10 <sup>10</sup>	Average of 2 values.	
			~ 5.0		9.8 × 10 <sup>10</sup>	p.r.; D.k.; count
			6.2		9.6 × 10 <sup>10</sup>	p.r.; D.k.; count