

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
215	Pentacyanonitrosylferrate(III) Ion	$\text{e}_{\text{aq}}^- + \text{Fe}(\text{CN})_5\text{NO}^{2-} \longrightarrow \text{Fe}(\text{CN})_5\text{NO}^{3-}$		$2.0 \times 10^{10}$	Average of 4 values.	
				7	$2.4 \times 10^{10}$	p.r.; P.b.k. at 43
				8.5	$1.0 \times 10^{10}$	p.r.; D.k., soln.
					$2.2 \times 10^{10}$	p.r.; D.k. at 600
				10.5	$2.3 \times 10^{10}$	p.r.; D.k.; count