

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
218	Ethylenediaminetetraacetatoferrate(III) ion	$\text{FeEDTA}^{3-} + \text{FeEDTA}^{2-} \longrightarrow \text{OH}^- +$	10	3×10^{10}	p.r.; Detd. from buildup of complex of Fe(II)EDTA with O_2^- at 300 nm which depends on competition of this reaction with $\text{e}_{\text{aq}}^- + \text{O}_2$ in air-satd. soln contg. 10^{-2} mol L ⁻¹ Na formate and $0.5\text{--}2 \times 10^{-3}$ mol L ⁻¹ carbonate buffer; $pK = 7.6, 9.4$.	771088
			11-12	2.3×10^{10}	p.r.; D.k. at 575 nm; counterion Na^+ ; $I = 0.2$.	690276