

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
331	Oxygen	$\text{e}_{\text{aq}}^- + \text{O}_2 \longrightarrow \text{O}_2^-$		1.9×10^{10}
			1.9×10^{10}	p.r.; D.k. at 578 nm.
		7	1.8×10^{10}	p.r.; D.k. at 578 nm.
		6.4	2.2×10^{10}	p.r.; D.k.; k also detd. at 6.4 kbar (6.4×10^8 N/m ²).
		7	1.9×10^{10}	p.r.; D.k. at 578 nm, $[\text{O}_2] = 35\text{-}120 \times 10^{-6}$ mol L ⁻¹ , with and without 10^{-3} mol L ⁻¹ Me