

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
600 ,,7	Ascorbate Ion 3.0\{\}times10^9	e _{aq} ⁻ + AH ⁻ → p.r.; D.k. at 600 nm in soln. contg. 10 ⁻³ mol L ⁻¹ phosphate buffer and 0.1 mol L ⁻¹ tert-BuOH; <i>I</i> = 0.03.		3.5 × 10 ⁸	Average of 2 values.	741053
,,7	4\{\}times10^8	p.r.; D.k. at 720 nm.	720266			