

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
429	Carmines	$\cdot\text{OH} + \text{C}_{22}\text{H}_{20}\text{O}_{13} \longrightarrow$	7.3-7.5	1.3×10^{10}	chem.; C.k. in soln. contg. 0.1 mol L ⁻¹ H ₂ O ₂ , 2.5 × 10 ⁻⁶ mol L ⁻¹ Mn ²⁺ and 0.2 mol L ⁻¹ HCO ₃ ⁻ ; rel. to <i>k</i> (·OH + RNO).	79A411