

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
813	Indigomonosulfonate Ion	$\cdot\text{OH} + \text{IMS}^- \longrightarrow$	7.3-7.5	2.1×10^{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 $k(\cdot\text{OH} + \text{RNO})$.	79A411