

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
812	Indigodisulfonate Ion	$\cdot\text{OH} + \text{IDS}^{2-} \longrightarrow$	7.3–7.5	1.8×10^{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