

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
12	Thiocyanate Ion	$\text{H}^\bullet + \text{SCN}^- \longrightarrow$	1	2.3×10^8	p.r.; P.b.k. at 425 nm in soln. contg. 0.1 mol L ⁻¹ HClO ₄ and $2.5\text{--}7.5 \times 10^{-2}$ mol L ⁻¹ thiocyanate ion.	87A903