

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
248	Iodine	$\text{e}_{\text{aq}}^- + \text{I}_2 \longrightarrow \text{I}_2^-$		5.8×10^{10}	Average of 3 values.
			5.1×10^{10}	p.r.; D.k. at 600 nm.	78A131
			5.6×10^{10}	p.r.; D.k. at 600 nm; detd. in I ₂ -I ⁻ soln.	771005
7			5.1×10^{10}	p.r.; D.k.(e _{aq} ⁻) as well as p.b.k. (I ₂ ⁻).	640046