

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
23	Boric acid	$\text{e}_{\text{aq}}^- + \text{H}_3\text{BO}_3 \longrightarrow \text{H}^\bullet + \text{H}_2\text{BO}_3^-$	6.7	$< 5 \times 10^3$	p.r.; D.k. at 700 nm gave a rate constant consistent with impurity such as nitrate; no pH dependence was found for the decay rate in deaerated solution contg. 0.5 mol L ⁻¹ boric acid.	87A045