

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1205	Methyl methacrylate	$\text{e}_{\text{aq}}^- + \text{H}_2\text{C}=\text{C}(\text{CH}_3)\text{CO}_2\text{CH}_3 \longrightarrow [\text{CH}_2\text{C}(\text{CH}_3)\text{CO}_2\text{CH}_3]^-$	9.2	$1.3 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. $\sim 0.1 \text{ mol L}^{-1}$ tert-BuOH and $10^{-3} \text{ mol L}^{-1}$ borate.	751052