

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1146	Methacrylamide	$\text{e}_{\text{aq}}^- + \text{H}_2\text{C}=\text{C}(\text{CH}_3)\text{CONH}_2 \longrightarrow [\text{CH}_2\text{C}(\text{CH}_3)\text{CONH}_2]^{\bullet-}$	9.2	$2.4 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. tert-BuOH and 10 <sup>-3</sup> mol L <sup>-1</sup> borate.	0.1 mol L <sup>-1</sup> 751052