No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
618	Barbiturate ion	$e_{aq}^- + C_4H_3N_2O_3^- \longrightarrow$	7.6	1.1×10^8	-r.; Calcd. from values obs. at pH 2.6, 4.0, 5.0 and 7.6; k_{obs} at pH 7.6 $= 1.1 \times 10^8$; rel. to $k(e_{aq}^- + \mathrm{BrPhOH})$.	720027