No.	Compound name	Reaction equation	pH	Rate constant $(\text{L}\,\text{mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
534	Acrylamide	e_{aq}^{-} + $H_2C{=}CHCONH_2$ $\longrightarrow$ $[CH_2CHCONH_2]^{\cdot-}$		2.2×10^{10}	Average of 4 values.	
			9.2	3.1×10^{10}		p.r.; D.k. at 700
			6.3	2.0×10^{10}		p.r.; D.k.; k also
			7	2.1×10^{10}		p.r.; D.k. at 580
			7	1.8×10^{10}		p.r.; D.k. at 578