

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
276	Acrylamide	$\cdot\text{OH} + \text{H}_2\text{C}=\text{CHCONH}_2 \longrightarrow \text{CH}_3\text{COHCONH}_2$		5.9×10^9	Average of 4 values.	
			7-7.2	4.7×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	80A240
			nat.	5.3×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	710578
				6.8×10^9	p.r.; P.b.k. at 390 nm.	710578
			~12	6.6×10^9	p.r.; C.k. at pH 10.9 and 12.9; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$.	700052