

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
36	Acrylamide	$\text{O}^{\bullet-} + \text{H}_2\text{C}=\text{CHCONH}_2 \longrightarrow$	12	6.5×10^8	p.r.; C.k.; assume $pK(\cdot\text{OH}) = 11.9$; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$; $I = 0.4$.	700052