

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
493	Acetamide	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{CONH}_2 \longrightarrow \text{CH}_3\text{C}(\text{O}^-)\text{NH}_2$		4.0×10^7	Average of 2 values.	
			5.2	4.5×10^7	p.r.; D.k. at 600 nm; k increases with pressure 0-6.4 kbar (6.4×10^8 N/m ²).	720298
			9.2	3.5×10^7	p.r.; D.k. in soln. contg. 0.5 mol L ⁻¹ <i>tert</i> -BuOH and borate buffer.	710414