

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1173	Methylammonium Ion	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{NH}_3^+ \longrightarrow \text{H}\cdot + \text{CH}_3\text{NH}_2$		1.9×10^6	Average of 2 values.	
			7.8	1.9×10^6	p.r.; D.k. at 720 or 815 nm in 0.1 mol L ⁻¹ soln.; calcd. from k_{obs} over a pH range.	700371
			7.6	1.8×10^6	p.r.; D.k. at 720 nm.	660011