

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
23	Cyanamide	$\cdot\text{OH} + \text{H}_2\text{NCN} \longrightarrow \text{H}_2\text{NC}(\text{OH})=\dot{\text{N}}$		8.7×10^6	γ -r.; C.k.; obs. $G(\text{CH}_3\text{CHO})$ in soln. contg. 0.1 mol L ⁻¹ NH ₂ CN and 2.4×10^{-4} mol L ⁻¹ O ₂ ; cor. for only 84% α -radicals yielding aldehyde; rel. to $k(\cdot\text{OH} + \text{EtOH})$.	78A258