

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1090	2-Propanol	.OH + (CH ₃) ₂ CHOH H ₂ O + (CH ₃) ₂ COH (85.5 %) + (CH ₃) ₂ CHO· (1.2 %) + .CH ₂ CHOHCH ₃ (13.3 %)		1.9 × 10 ⁹	Selected value.	
				2.3 × 10 ⁹	p.r.; C.k.; also measurements at 39, 59, and 79°C; rel. to <i>k</i> (.OH + SCN ⁻).	84A349
		6		1.9 × 10 ⁹	p.r.; C.k.; obs. ABTS ⁺ formn. at 415 nm; rel. to <i>k</i> (.OH + ABTS).	82A196
	nat.			2.3 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + Fe(CN) ₆ ⁴⁻).	710578
	2-10			1.9 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + SCN ⁻).	680316
	7			1.9 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + I ⁻).	650010; 670041