

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
348	Ethanol	$\text{H}^\bullet + \text{C}_2\text{H}_5\text{OH} \longrightarrow \text{H}_2 + \text{CH}_3\text{CHOH}^\bullet$			$1.7 \times 10^7$	Selected value.
			1	$2.1 \times 10^7$	p.r.; esr; Anal. of time profile of H signal.	775254
			1	$1.3 \times 10^7$	p.r.; esr; Decay of H signal.	710303