

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
116	Water	$\text{H}^\bullet + \text{H}_2\text{O} \longrightarrow \text{H}_2 + \cdot\text{OH}$	10-13	1.0×10^1	phot.; Calcd. from obs. quantum yields of N ₂ , H ₂ and H ₂ O ₂ in N ₂ O-satd. soln. and Ar-satd. soln. and computer simulation of product yields based on assumed values for 26 reactions; too low to measure reliably.	82A035