

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
370	Glucose	H [•] + glucose → H ₂ + R		6.1 × 10 ⁷	Average of 3 values.	
			1	4.3 × 10 ⁷	e-r.; esr; Decay of spin polarization, compared with EtOH; rel. to <i>k</i> (H [•] + BzOH).	710040
			1.2	6 × 10 ⁷	X-r.; C.k.; rel. to <i>k</i> (H [•] + Fe(CN) ₆ ³⁻).	620017
			7	7.6 × 10 ⁷	X-r.; C.k.; rel. to <i>k</i> (H [•] + Fe(CN) ₆ ³⁻).	620024