

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
431	Methanol	H· + CH <sub>3</sub> OH → H <sub>2</sub> + ·CH <sub>2</sub> OH	1	2.8 × 10 <sup>6</sup>	Selected value. p.r.; esr; Calcd. from time profile of H in deaerated soln. contg. various MeOH concns. and 10 <sup>-2</sup> mol L <sup>-1</sup> tert-BuOH.	83A153
				1	3.0 × 10 <sup>6</sup>	p.r.; esr; Anal. o
				1	2.5 × 10 <sup>6</sup>	p.r.; esr; Decay o
				1	2.4 × 10 <sup>6</sup>	