

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
517	Succinate ion	$\text{H}^\bullet + -\text{O}_2\text{CCH}_2\text{CH}_2\text{CH}_2\text{CO}_2^- \longrightarrow$ $\text{H}_2 + -\text{O}_2\text{CCH}_2\text{CHCO}_2\text{H}$	7	$1.0 \times 10^7$	$\text{e}^-$ ; esr: Decay of spin polarization, compared with EtOH. in phosphate buffered soln.; rel. to $k(\text{H}^+ + \text{BzOH})$ .	720039