

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
963	Fumarate ion	$\text{e}_{\text{aq}}^- + \text{trans-O}_2\text{CCH=CHCO}_2^- \longrightarrow$ $[\text{}^-\text{O}_2\text{CCHCHCO}_2]^-$			$7.4 \times 10^9$	Average of 2 val
			8.5		$7.4 \times 10^9$	p.r.; D.k. at 600
			13		$7.5 \times 10^9$	p.r.; D.k. at 578