

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
119	Oxygen	$\text{H}^\cdot + \text{O}_2 \longrightarrow \text{HO}_2^\cdot$		$2.1 \times 10^{10}$	Selected value.	640043
			1.2	$2.1 \times 10^{10}$	p.r.; P.b.k. at 240 nm.	640043