

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1	Bromide Ion	$\text{O}^{\cdot-} + \text{Br}^- \longrightarrow$	6-7	2.2×10^8	p.r.; C.k., soln. contains N ₂ O and high solute concn.; rel. to $k(\text{O}^{\cdot-} + \text{EtOH})$.	710137